

Archæological Survey of India.

COMPLIMENTARY

REPORT

OF

TOURS IN THE GANGETIC PROVINCES

FROM

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1875-76 AND 1877-78.

BY

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VOLUME XI.

"What is aimed at is an accurate description, illustrated by plans, measurements, drawings, or photographs, and by copies of inscriptions, of such remains as most deserve notice, with the history of them so far as it may be traceable, and a record of the traditions that are preserved regarding them."—LORD CANNING.

"What the learned would demand of us in India is to be quite certain of our data, to place the monumental record before them exactly as it now exists, and to interpret it faithfully and literally."—JAMES PRINSEP.

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INTRODUCTION.

THE present volume contains the results of a tour in the Gangetic Provinces in 1877-78. In this report I have described many curious and interesting remains of Hindu architecture and sculpture of all ages. Of the old Buddhist times, there are the ancient mounds of Panch Pahâri, or the "Five hills," close to Patna, from whence Akbar viewed the city when he was besieging Dâud Shah, the last king of Bengal. Of the same age are the old temples and stûpas of Srâvasti and Tandwâ. Of the Indo-Scythian period, there is a very curious group of sculpture from Tusâran Bihâr, near Allahabad. Of the Gupta age, there are the two inscribed stone pillars at Bilsar, in the Doâb, recording the name of Kumâra Gupta; with the early date of Sambat 96 of the Gupta era. Of a later period, there are some very curious and interesting illustrations in the brick temples of Bhitar-gaon, Paraoli, and Râr, near Cawnpore, with their vaulted roofs and terra-cotta bas-reliefs.

The period of Muhammadan rule is well represented by the grand old masjid at Badaun, with its overlapping arched gateway, of the time of Iltimish, A. H. 620, or A. D. 1223; and also by the magnificent masjids at Jaunpur, built by the Sharkî kings in the fifteenth century A. D. Of somewhat later date are the tombs of Sher Shâh and his family at Sahsarâm. The tomb of Sher Shâh himself, which possesses the largest dome in Northern India, is a very striking and picturesque building, placed, after the Hindu fashion, in the middle of a sheet of water.

During this tour I made two identifications of ancient sites, one of which is of very great historical interest, as it belongs to the early career of Buddha. This is the famous *Uruvilwa* forest, which gave its name to *Uruvilwa Kâsyapa*, the fire-worshipping opponent of Buddha. It was to this forest of *vilwa*, or *bel*, trees that Sâkyâ Sinha retired for contemplation; and it was there that he finally attained to Buddhahood. *Uruvilwa*, or, in Pâli, *uruwela*, means simply "many *vilwa* trees," or the "bel forest." The place is now represented by the small hamlet of *Urel*, which is only a simple contraction of the Pâli name of *Urawel*. The whole neighbourhood still abounds with *bel* trees.

The other identification is that of *Newal*, near Bângarmau, as the *Navâ-deva-kula* of Hwen Thsang, who describes it as situated 20 miles from Kanauj, on the north bank of the Ganges. I thought that Bângarmau might be the place; but I found that it was only an outlying portion of the ancient town of *Newal*, with its numerous ruins of old brick temples. The present name, it will be observed, still preserves a portion of each of the three distinct words of the ancient name. At the time of the Muhammadan conquest *Newal* had a raja of its own.

A. CUNNINGHAM.

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ARCHÆOLOGICAL SURVEY OF INDIA.

REPORT OF A TOUR IN THE GANGETIC PROVINCES, 1875-76 & 1877-78.

I.—BADAON.

WHEN the Muhammadans under Kutb-uddin Aibek first took possession of the district of Katehar to the north-east of the Ganges, they made Badaon their head-quarters, while Ahichhatra, near Aonla, remained the Hindu capital of the Katehria Rājputs. The first governor of Badaon was the famous Shams-uddin Iltutmish, who afterwards became king of Delhi. But his interest in Badaon still continued after his accession to the throne, as we learn from the inscription on the gateway of the Jāmi Masjid recording his name with the date of A.H. 620, which was the twelfth year of his reign. Five years afterwards he made his eldest son, Rukn-uddin Firoz, governor of Badaon, and here also he confined his antagonist, Tāj-uddin Yelduz, who shortly afterwards was put to death in prison.

Of the earlier history of Badaon very little is known; according to the Brahmans, its first name was either Bedamau or Bedamāya. It was included in the dominions of Mahipāl, the Tomar Rāja of Delhi, who is said to have built the great fort on which part of the city now stands. Several of the towers still remain, and in many places the thick brick walls are still visible. The old site is about three-quarters of a mile in length; and its general outline is well marked by the great mound on which the western half of the city now stands. Mahipāl is also said to have built a temple named Harmandar, which was destroyed by the Muhammadans, and the present Jāmi Masjid built on its site. The people are unanimous in their belief that all the statues of the temple were buried under the floor of the Masjid, in front of the pulpit. Apparently the small river, Sot, once flowed immediately under the

western wall of the fort. Badaon held its position as the Muhammādan capital of Katehar for upwards of four centuries. During this long period we read of the stern justice which Balban meted out to Malik Faiz Shirwāni, the governor of Badaon, who in a drunken fit had killed one of his servants. When Balban visited Badaon, the widow laid her complaint before him, and the unfortunate governor was beaten to death in presence of the whole court, and his body hung over the gate of the town.¹ Between A.H. 715 and 726 (A.D. 1315—1326) Mahābat Khan made himself independent in Badaon, and successfully opposed the Sayid King Khizr, who retired under the plea of a conspiracy after besieging the town for six months. In A.H. 839 = A.D. 1435, Malik Juman, the governor of Badaon, rebelled against the Sayid King Muhammad, and was only brought to submission by the grant of a jāgir. Fifteen years later the puppet king Alā-uddin Alam Shah abdicated the throne in favour of the Afghan Chief Bahlol Lodi, and retired to Badaon, where he lived in unmolested obscurity for 28 years. At his death in A.H. 883, the king of Jaunpur, Husen Shah Sharki, seized the district of Badaon and held it until he was expelled by Bahlol Lodi.

It was from this town that the famous Mulla Abdul Kādir received his well-known title of Badaoni. Here he lived for many years, and here he died in A.H. 1004, and was buried at the neighbouring village of Atapur, "close to the mango garden."² During his residence at Badaon he witnessed in A.H. 979 = A.D. 1571 the total destruction of the town by fire.

At a later date Badaon was the residence of the infamous Shekh Khubu, better known as Kutb-uddin Chishti. He was the foster-brother of Jahāngir, on whose accession to the throne Kutb-uddin was appointed governor of the province of Bihār.

"At that time, Sher Afkan 'Āli Kuli' was Tuyuldār of Bardwān, and as his wife Mhirunnisā [Nur Jahān] was coveted by the emperor, Kutb was ordered to send Sher Afkan to court, who however refused to go. Kutb therefore went to Bardwān, sending Ghiās, son of his sister, before him, to persuade Sher Afkan that no harm would be done to him. When Kutb arrived, Sher Afkan went to meet him accompanied by two men. On his approach, Kutb lifted up his horse-whip as a sign for his companions to cut down Sher Afkan. 'What

¹ Briggs' Ferishta, vol. I, 253.

² Blochmann in Bengal Asiatic Society's Journal, 1869, p. 117.

'is all this?' exclaimed Sher. Kutb waved his hand to call back his men, and advancing towards Sher, upbraided him for his disobedience. His men mistaking Kutb's signal to withdraw, closed round Sher, who rushed with his sword against Kutb, and gave him a deep wound in the abdomen. Kutb was a stout man, and seizing his protruding bowels with his hands called out to his men to cut down the scoundrel. Ambah Khan, a Kashmiri noble of royal blood, thereupon charged Sher Afkan, and gave him a sword-cut over the head; but he fell at the same time, pierced through by Sher's sword. The men now crowded round him and struck him to the ground. Kutb-uddin was still on horseback, when he heard that Sher Afkan had been killed, and he sent off Ghiâs to bring his effects and his family to Bardwâñ. He then was removed in a pâlkee. He died without being carried away. His corpse was taken to Fatehpur Sikri and buried."¹

Blochmann adds that in A.D. 1013 Kutb-uddin *built* the Jâmi Masjid at Badaon, and that his son, Shekh Ibrahim, was in 1015 a commander of 1,000 horse, with the title of Kishwar Khân. But the mosque was only *repaired* by Kutb-uddin, whose inscription still exists on the right-hand side of the great arch. This inscription, which mentions the name of both father and son, will be given presently.

Abul Fazl speaks of Badaon as "an ancient" city in which were the tombs of many saints.² But these must have fallen into ruin long ago, as the only saintly shrine that I could hear of was the ziârat of Badr-uddin Shah Wilâyat, near the Shamsi Idgâh. There are, however, several tombs without inscriptions which are still in fair preservation; but the people know absolutely nothing about them. Of the eight large tombs now standing around the city, all, with the single exception of that of Chimni Khân, are known simply as "*chauki*," which is understood to mean a "four-sided building." Besides these eight tombs, the only buildings of any importance are the Shamsi Idgâh and the Jâmi Masjid. As both of these were erected by Shams-uddin Iltitmish, they are amongst the earliest specimens of Muhammadan architecture in India.

In the following list of the ancient buildings at Badaon, I have attached letters of the alphabet to the eight tombs, as some of their names are unknown, and there is some doubt about the attribution of one or two others. The Idgâh and Jâmi Masjid of Iltitmish are designated by their present titles, as there is no doubt about their attribution.

¹ Blochmann's *Ain-i-Akbari*, p. 496.

² Gladwin's *Ayin Akbari*, II, 87.

REPORT OF A TOUR

	DATE.		Shams-uddin Iltitmish. Ditto.
	A. H.	A. D.	
Idgâh Shamsi . . .	...	...
Jâmi Masjid . . .	620	1223	
On south-west side, A Tomb . . .	...	...
" " B "	957	1550	
On west side, C Tomb . . .	{ 877	1472	
" " D "	882	1477	
On east side, E "	882	1477	
On south side, F "	860	1456	
" " H "	883	1478	
	

I have placed the Shamsi *Idgâh* at the head of the list, as I believe it to have been built by Iltitmish during his governorship of Badaon, between the years 599 and 606 A.H., or A.D. 1202—1209, whilst the Jâmi Masjid was certainly built by him in A.H. 620 = A.D. 1223, twelve years after he had ascended the throne of Delhi. The Idgâh is a massive brick wall, 302 feet in length, with lines of ornament near the top, which most probably were originally covered with blue glaze. There is a long inscription over the centre of the Mihrâb; but it has been carefully plastered over, and only a few letters are now visible. To the right of the pulpit there is a part of an inscription in one long line; but from what I could make out, it would appear to be only an extract from the Korân. Close by is the shrine of Badr-uddin Hazrat Shah Wilâyat, which is so thickly white-washed that none of its details are visible. It possesses, however, an inscription of 17 lines of the time of Akbar, 43 inches long by 10 inches broad. I made only one copy of it which I sent to my friend, the late Mr. Blochmann.

The Jâmi Masjid of Badaon is one of the largest Muhammadan buildings in India, its outside dimensions being 276 feet in length by 216 feet in width. The interior court is 180 feet long by 94 feet broad. The lower part of the walls to a height of 12 feet is built entirely of sandstone blocks, the plunder of the *Harmandar* temple of Mahipâl, and probably of several other Hindu buildings. Four of the stone pillars are now lying in the courtyard just inside the gateway. These are single shafts, 1 foot $6\frac{1}{2}$ inches in diameter, and 9 feet in length. They have 16 fluted sides, with richly-carved capitals and bases. The superstructure of the old masjid is built entirely of brick, but the central dome, which

is a late restoration of Akbar's time, contains many blocks of *kankar*. The outer face of the entrance gateway is built wholly of sandstone, with overlapping arches, after the fashion of those in the great masjids at Delhi and Ajmer.¹ Over the outer opening there is an inscription in two lines which gives the date of the building in A.H. 620, during the reign of Shams-uddin Iltitmish.² As the only published copy of this inscription is erroneous, I give here a correct copy of the text with a *fac-simile* of the date in the accompanying plate:—³

1st Line.

ادخلوها بسلام آمنين السلطان المعظم شهنشاه الاعظم مالك رقاب الامم
شمس الدنيا والدين غياث السالم ،

2nd Line.

وال المسلمين اعدل الملوك والسلطانين ابوالمظفر ايلتمش السلطاني ناصر
امير المؤمنين خلد الله ملکه في شهرور سنه عشرين وستمائة ،

In the published text, which must have been taken from a hand copy, the titles of *ul Mu'dzam Shâh-in-shâh* are altogether omitted, while the words *Ramzân-mubârak* are gratuitously inserted, as well as the word *Samân*, or "eight," which makes the date 628 instead of 620. The name of the khalif, *Nâser*, who died in A.H. 622, should have been sufficient to point out the error in the reading of the date.

The main body of the masjid is formed of four rows of massive brick piers from 6 to 8 feet square standing in front of the back wall. On each of the other three sides of the court there are two rows of similar piers. The central portion of the masjid, as it now stands, consists of a large dome

¹ See Plate III.

² In Briggs' *Ferishta*, this king is called Altamsh, but on the minaret of the great masjid at Ajmer, his name is written quite clearly as *Iltitmish*. This also is the spelling of Abdul Kâdir Badaoni. In 1871 I was informed by Mr. Blochmann that the verses in which he is mentioned require a name of three syllables, with the second syllable long. The reading of the Ajmer masjid inscription fulfils this requirement exactly, and is further supported by the transliteration of the name in *Nâgari* letters on the unique coin published by Mr. Thomas. Here we have (I) *litimisi*, which might be intended for *Iltitmish* or *Iltimish*, with the accent on the second syllable. But the majority of the coins are in favour of the Ajmer reading of the name, with two *t*'s, as I have given above.

³ See Plate IV. The published copy gives the reading of Mr. Wilson, which Mr. Blochmann had no means of correcting. See Bengal Asiatic Society's Journal, 1872, p. 102.

43 feet in diameter, supported on massive walls, 17 feet thick, with a pointed arch in front, 18 feet in width, and a similar arch on each side, 17 feet 9 inches in width.¹ Outside the front arch there is another larger one of 32 feet span, over which rises the front wall of the masjid, nearly concealing the massive dome behind it. But this part of the building is of late date, having been made by Shekh Khubu, the foster-brother of Jahângir, in the year 1013 A.H., just one year before Akbar's death. His inscription is recorded in two lines on a long stone which is let into the wall on the right side of the inner arch of the entrance.

در عهد جلال الدین محمد اکبر بادشاہ غازی سنہ ۱۰۱۳ ہزار و سیزده بتا کرد این مسجد قطب الدین خان حشمتی عرف شیخ خوبو کوکہ ابوالمظفر سلطان سلیم شاہ غازی ابن جلال الدین محمد اکبر شاہ باہتمام نواب شیخ ابراھیم ولد خان مذکور کاتب میر عمارت عہدالملک قاضی ۲

"In the time of Jalal-uddin Muhammad Akbar, Badshah Ghazi, in the year 1013 (A.H.), one thousand and thirteen, this masjid was built by Kutb-uddin Khan Chishti, *alias* Shekh Khubu Koka (foster brother) of Abul Muzafer Salim, Shah Ghazi, son of Jalal-uddin Muhammad Akbar Shah, under the superintendence of Nawab Shekh Ibrahim, son of the aforesaid Khan (Kutb-uddin or Khubu).

Written by the custodian of the building, Abd-ul Malik Kazi."

Looking at the style of the gateway, and of the two great masjids of Iltutmish at Delhi and Ajmer, I have no doubt that the original front arch of the Badaon masjid was constructed in a similar manner by overlapping stones. But this mode of construction, which was sufficiently strong for small openings, has failed wherever a large span was required, as in the central domes of the other two great masjids at Delhi and Ajmer. I conclude therefore that the great front arch of the Badaon masjid was probably formed by overlapping courses of stone, and that it had given way before the time of Akbar, at the end of whose reign a new dome was built by Shekh Khubu, as recorded in the inscription already noted. I think it probable that the original dome may have been partly supported on the four large Hindu pillars which are now lying in the courtyard. It is however quite possible that the dome itself was a regular vault of brickwork, as the whole

¹ See Plate II for a plan of the masjid.

of the cloisters are roofed with intersecting vaults. They were constructed however in the usual faulty manner of India, without central key-stones, so that many of them had given way, and a great part of the cloisters was in a very ruinous state. As extensive repairs have been made within the last ten years, the faulty style of the vaulting now escapes notice, but it is very prominent in the early photographs of the masjid. To the right and left there are two smaller entrances which lead direct from the smaller streets, on the north and south, into the court of the masjid. Over the middle of the northern doorway there is an inscription bearing the name of Muhammad Tughlak, and the date A.H. 726 = A.D. 1326. I infer that the original dome of Iltutmish must then have been still standing, or otherwise it would have been rebuilt by Muhammad, and would not therefore have required any repair in the time of Akbar. The inscription is in two lines, engraved on a stone slab $2\frac{1}{2}$ feet long by $1\frac{1}{2}$ foot broad. The text has not yet been read satisfactorily, but the repair or restoration of the masjid is stated to have been made by one Husen, the son of Hasan, in the year 726 (or A.D. 1326), during the reign of "the shadow of the merciful God, the father of religious warriors, Muhammad, son of Tughlak Shah, the Sultan; may God preserve his shadow and his kingdom!"

Originally the whole surface of the inner walls of the masjid was covered with raised ornamentation in blue glazed tiles. The outlines of the geometrical and flowered patterns are still quite distinct, although the coloured glaze has generally disappeared, except where it has been preserved by the coating of plaster which was liberally spread over the whole of the building at the time of Shekh Khubu's repairs in the reign of Akbar. Where the plaster has recently fallen off, traces of the blue glaze are still visible. I have given three specimens of the style of ornamentation in the accompanying plate.¹ Judging from the later examples of brick buildings in the times of the Tughlaks, I believe that the blue glaze was restricted to the panels of ornament and lines of inscription, while all the borders or frame-work were left unplastered in the natural dark-red colour of well-burnt bricks. Or, as I have seen in later buildings, and notably in the gateways of Akbar's fort at Agra, the bricks may have been covered with a thin coating of plaster, which was then

¹ See Plate IV.

coloured a deep madder red with white lines of pointing to imitate regular brick-work.

One piece of blue glazed tile with raised letters is let into the inner walls of the masjid, and I possess a second smaller piece with only two letters. The glaze has lost nearly all of its colour, but still preserves its lustre. It looks very like a piece of old blue silk cloth that has faded in colour, but still preserves its shiny surface.

Externally the walls of the masjid are very plain, being relieved only by lines of simple brick mouldings. But the small towers at the four corners are richly ornamented with various patterns of geometric tracery. No remains of glaze are now visible, but I believe that all the bands of ornament were covered with blue glaze, while the plain bands or divisions were left in their original state of plain red.

Although the Jāmi Masjid of Badaon cannot be compared with the magnificent masjids of Delhi and Ajmer, yet its great size and the massiveness of its walls give a certain dignity to its ruined aisles which a smaller building would not possess. As well as I am able to judge, I think that the effect of a large building entirely covered with blue glazed ornamentation, or perhaps with only the ornaments and inscriptions in blue glaze and the intermediate bands or frames of the panels in plain red brick, would have been very rich. In the few buildings that I have seen where these colours are used, as in the great Rokn-i-Ālam in Multan, the general effect is striking and not inharmonious.

Although the great masjid towers high over the houses of the city, yet the streets which surround it are so narrow that it is quite impossible to get a good view of it from any near point. The best points of view for the details of the building are from the roofs of some of the neighbouring houses, but for picturesque effect by far the best view is from the open country to the north of the town. The central arch of the masjid itself is plain and heavy, but the old gateway, with its corbelled arch of overlapping stones, is a pleasing specimen of the massive style of the earliest Muhammadañ architecture of India.

Of the older tombs now remaining at Badaon whose dates can be ascertained, all but one belong to the 9th century of the Hijra. It seems also very probable that they belong to different members of the family of the Sayid King Ala-uddin Alam, who abdicated the throne in favour of Bahol Lodi in A.H. 854. There is nothing either striking or

peculiar in their appearance. All are simple square masses of almost plain brick-work, with some bands of blue glazed tile ornament. A few brief notes will therefore suffice to describe their petty differences of construction.

Tomb A to the south of the town is an octagonal building of $26\frac{1}{2}$ feet each side, with a room inside $27\frac{1}{2}$ feet square. The people call it the tomb of Chimni Khân; but they know nothing of his history, and I have been unable to discover anything about him. The building appears to me to be of later date than the others, and is very probably not older than the time of Sikandar Lodi, or perhaps later. It is in better order than most of the others, and is more highly decorated. The battlement, especially, is a good specimen of rich ornamentation in brick-work. The dome is unfortunately very low, otherwise this tomb would be a very fine and striking specimen of a Muhammadan brick tomb.

Tomb B stands close to the last, but it is square in form, with a side of 32 feet 4 inches. It is ornamented with a single band of dark-blue glazed tiles, and has a rather flat dome. No name is known for it, but it is simply called *chauki*, or the "square" building. But as the inscription over the door bears the date of A.H. 957, the tomb must belong to the reign of Islam Shah Sûr. I sent my copy of the inscription to Mr. Blochmann shortly before his death. The room inside is square, with the usual overlapping pendentives in the corners.

Tomb C lies to the west of the town; it is 25 feet 6 inches square outside, with a square room inside. Over the door there are two inscriptions, bearing the dates of 877 and 882, carved on two different-coloured sandstones; that on the left hand being white and the other red. Each inscription consists of two lines, and as both run the full length of the two slabs horizontally, the two halves of both are on different-coloured stones. As both of these inscriptions were sent to Mr. Blochmann, I am not able to quote their texts, but as the later date of A.H. 882 is that of the death of the abdicated king Ala-uddin, I have little doubt that this is his tomb. Ferishta apparently gives 883 as the year of his death; but as he specially notes that his abdication took place in 854, and afterwards says that "his retirement at Badaon was nearly 28 years," it is clear that the old king must have died in 882.¹ This also is the date given by Khair-uddin Muhammad.²

¹ Compare Briggs' Ferishta, I. 557, and I. 543.

² History of Jaunpur, translated by Pogson, p. 51.

D is one of the largest tombs now standing at Badaon, being a square of 42 feet 9 inches outside, with a room 28 feet square inside. Over the door there is an undated inscription of one line, which gives the name of Daolat Khân, of whom I have not been able to find any mention. He cannot be the Daolat Khân who sat on the throne of Delhi in A.H. 816, 817, as that Chief was imprisoned by Sayid Khizr in Hisar Feroza, where he was soon after put to death. The dome is much loftier than that of Chimni Khân's tomb, but it is dwarfed by the great square mass of building below. Had the corners been cut off, this would have been one of the most striking tombs in Badaon.

Tomb E stands on the east side of the town. It is a square of 40 feet outside, with a room of 19 feet 8 inches square inside. It is ornamented with some blue glazed tiles in squares bearing the name of Allah. Over the eastern door there is a long slab bearing an inscription in memory of the mother of Shahzâdâ Fateh Khân, dated A.H. 860. I presume that this lady was one of the wives of Sayid Ala-uddin, the abdicated monarch.

Tomb F stands close to E on the east side of the town. It is a square of 43 feet externally, with walls 7 feet 9 inches in thickness, and an inner room 27 feet 6 inches square. Over the door there is the *kalimah* inscribed in brick, but the great stone inscription slab is gone. The tomb is now occupied by Kumhars, who have their kilns inside.

Tomb G stands on the south side of the town. It is 367 feet square outside, with a room 23 feet 4 inches square inside. The corners are cut off in the usual way by overlapping pendentives to form an octagon for the spring of the dome. In the middle there are two brick graves, one of which is that of a man, as there is the usual pen case on the top. In the south-east corner there is the third grave. There is an inscription over the doorway with the date of 866 A. H., which records the burial of Makhdûmah Jahân, the mother of the abdicated king Ala-uddin Alam. The text and translation of this inscription have been published by the late lamented Mr. Blochmann as follows:

بنای ابن گنبد متین مخدومه جهان مرحومه مغفورة والده حضرت سلیمانی علاءالدینیا والدین عالیشاه سلطان در عهد سلطنت سلطان مذکور مورخا النمسع عشرين و جب رجب قدره سنه سنت و سنتين ثمان و ثمانينه،

"This strong vault of Makhdumah Jahān, the late mother of His Majesty *Ala-uddunya wa-uddin Alam Shah*, the king, was erected during the reign of the said king. Dated 19th Rajab [may its honour be increased] 866 A.H. = 19th April 1462 A.D."

A notice of this tomb has been published in the Journal of the Asiatic Society,¹ together with a faulty copy of the inscription in which the date is read as A.H. 877. This was afterwards corrected by Mr. Blochmann on receipt of an impression which I forwarded to him some years ago.² There can be no doubt about the identification of the building, as the three graves which I have described above are also mentioned by Mr. Wilson, who describes them as those of Alâ-uddin and his mother. The building is further identified by his mention of an old masonry well "close to the tomb." This well, which is only 120 feet to the south-west, is a very fine one, being 21 feet in diameter.

Tomb H lies 42 feet to the south of G. It is exactly of the same style, but of only half the size, being $19\frac{1}{2}$ feet square outside, and 12 feet square inside. It was probably the tomb of one of the sons of Alâ-uddin.

Besides the tombs just described, there are several of later date which do not seem to require any particular mention. Amongst these is the tomb of Ikhâs Khân of the Mughal period, a small neat-looking building with stout octagonal towers at the four corners. The tomb of Shekh Afrid is also a very small one, and is only remarkable for its curiously shaped minars. Lastly, there is a masjid of the time of Au-rangzeb, with an inscription dated in A.H. 1071, or A.D. 1660.

II.—KAMPIL, OR KAMPILYA.

According to the Mahâbhârata the great kingdom of Panchâla extended from the Himâlaya mountains to the Chambal river. But just before the Great War, Drupada, the king of Panchâla, was conquered by Drona, the preceptor of the five Pândus. Drona restored to Drupada the southern half of the country, with its capital of Kâmpilya, but the northern half he retained for himself; and made Ahikshetra (or Ahichhatra) his capital. This capital of north Panchâla I have already described;³ but the southern capital of

¹ See Bengal Asiatic Society's Journal, 1872, pp. 111, 112, and Proceedings for March of the same year, p. 49.

² See Bengal Asiatic Society's Journal and Proceedings for 1874, p. 100.

³ Archaeological Survey of India, I, 278.

Kâmpilya was not visited until March 1878. I had long wished to see this old city, which is famous as the scene of the *Swayamvara* of Drupadi, the beautiful daughter of Râja Drupada. I did not of course expect to find any ancient buildings of the time of the Mahâbhârata, but I thought that the people would be able to point out the place where the great *Swayamvara* was believed to have been held. Whatever ancient buildings may have existed at Kampil when the Muhammadans first took possession of the Gangetic doab must have been swept away long ago by that mad despot Muhammad Tughlak, who in A.H. 745 = A.D. 1345, "encamped his army near Kampil and Patiali, on the banks of the Ganges, and drew supplies from Oudh and Kara." The people of his camp here built houses, till at length a town arose under the name of *Sargdwâri*" (Swarga-dwâri). "Here he remained till the next year."¹

I found no traces of old buildings, but only a succession of undulating grounds, rising in some places to high mounds with broken bricks thinly scattered here and there. The only sites that have got names are on the banks of the *Bûr Gangâ*, or old Ganges. There are several holy ghâts in the *kunds*, or ponds, in which pilgrims bathe, but there is no running stream. A great *mela*, or fair, is held here on the full moon of Chaitra.

The site of Râja Drupada's place is pointed out as the most easterly one of the isolated mounds on the banks of the *Bûr Ganga*. It is about 400 feet long and from 200 to 250 feet broad, rising to 20 and 25 feet in height.

Squared kankar blocks are seen everywhere; and apparently the walls of the ancient temples must have been built of these stones. Mouldings, and even figures, are found on some of them. Amongst the latter I saw a figure of the Ganges, on her crocodile, holding up a jar of water in her right hand. It is a lower piece of a door jamb, and is therefore of comparatively late date, say from 600 to 900 A.D. I saw also a second river-goddess in reddish-yellow stone of large size, which must have belonged to some grand temple. Amongst the figures I found the Brahmanical Ganesa and the Jaina Adinatha. There are several Jain temples, with some inscribed statues; but as the ministering priest would not allow them to be touched, and would not move them himself, the inscriptions could not be copied. They appeared to be

¹ Briggs' Ferishta, I, p. 428.

not more than 300 or 400 years old, excepting one figure of black stone, which was behind the others, so that the characters could not be distinguished. It was said to be the oldest, and it certainly looked much older than the others.

This is another instance of the frequent churlishness of the Jain priests, which I have before noticed at Khandwa and Champanagar. Fortunately all are not so surly, and I can refer with pleasure to my intercourse with the chief priest at Pawapuri, and with the officiating priests at Mahasâra, or Masâr, in the Shahabad district, near Ara.

III.—BILSAR, OR BILSAND.

It sometimes happens to a sportsman to miss a shot altogether, and at another time to kill two birds with one shot. Both of these chances have happened to me about Bilsar. In 1862 I made a careful search for the ancient site which the Chinese pilgrim, Hwen Thsang, calls *Pi-lo-shan-na*, and failed to hit the mark; but in 1877 I was more successful, as I not only found the *Pi-lo-shan-na* of Hwen Thsang, but also the *Talsanda* of the Muhammadan historians, which is described as a strong fort "vying with the wall of Alexander." The place was brought to my notice by my friend Râja Siva Prasâd, who found there two inscribed pillars of Kumâra Gupta, dated in the year 96 of the Gupta era.

The name of the place is written *Bilsand* with the cerebral *d*, and is pronounced sometimes as Bilsar, and sometimes as Bilsâr. It is now a small place; but its former size is well marked by the high mound on which the present village stands, and by a second large mound to the south. Its former consequence is proved by the fact that the town was the residence of a Râthor râja so late as three or four hundred years back. The râja's descendant now lives at the village of Rampur, one *kos* to the west of Bilsar, and a romantic story is told to account for the change of residence. A former râja is said to have built a fort on the top of the high mound in the middle of the village. As the mound is 33 feet high, the râja's *Baithak*, or "out-door throne," overlooked the house of a Brahman named Puran Mall, who was consequently annoyed, and appealed to the râja to change the position of the Baithak. The râja refused and the Brahman poisoned himself with opium, and his body then turned to a blue colour like indigo. His ghost then became a malignant spirit (*bîr*), and caused the death of several

members of the râja's family, and lastly of the râja himself. The ghost or spirit was named *Brahm-Râkshas*, or the "Brahman demon," and the râja's son, named Ram Sahai, fled away from him to Rampûr, where he built a house, and where his family have ever since dwelt.

The ghost of Puran Mall is still worshipped by all the people of Bilsar, who seek to appease the wrath of the Brahman Râkshas with offerings of flowers and sweetmeats. His *Chabutrâ*, or shrine, is the usual square platform on the highest point of the mound in the north-western corner. Numerous fragments of sculpture are collected on it. So strong is the belief of the people in the power of the Brahman's ghost, that they fully expected that something would happen to me for disturbing the mound by digging a trench across it. It so turned out that my elephant, while taking her daily bath in a tank close by, broke away from her keeper and scoured the country for two hours before she was caught. This little incident was at once seized upon by the people as an exhibition of the power of the Brahman-Râkshas, who had thus revenged himself upon me for disturbing the mound near his shrine.

The present village, with all its mounds and fields strewn with broken bricks, covers a nearly square area of somewhat more than 2,000 feet each side, or rather less than half a mile. Its circuit is therefore about one mile and three-quarters, or a little less than the two miles mentioned by Hwen Thsang. The great mound, which is more than 33 feet high, stands in the very midst of the village, and divides it into two distinct portions, which are known as *Bilsar Pachiya* and *Bilsar Purva*, or western and eastern Bilsar. To the south of the latter there is a third division of the village called *Bilsar Patti*, which means simply the outlying quarter or division of Bilsar. Regarding the origin of the name, I could get no information. There is however at 4 *kos* to the south-east another village called *Silsara*, and written *Silsanda* in the maps, which seems to have been named after the same fashion.

The Chinese pilgrim Hwen Thsang first visited *Pi-lo-shan-na* in A.D. 636, and again in A.D. 643 on his return journey to China.¹ On the latter occasion, he halted for two months to hear discourses on the *Abhidharma Sâstra*. On his first visit, the pilgrim travelled from Ahichhatra [or Râmnagar, 20 miles to the west of Bareli], from 260 to 270 *li*, or 43 to 45 miles, to the south, and then crossing the Ganges

¹ See my *Ancient Geography of India*, pp. 564, 567.

he turned to the south-west and reached *Pi-lo-shan-na*. This is a singularly exact account of the route from Ahichhatra to Bilsar by the ancient city of Kampil. From Ahichhatra to the Ganges opposite Kampil the route is nearly due south, and the distance about 45 miles. From Kampil the road turns to the south-west to Bilsar, a distance of only 6 miles. The agreement here is very precise, not only in name but in position, and I have no doubt whatever that *Bilsar*, or *Bilsanda* is the place called *Pi-lo-shan-na* by Hwen Thsang. But there is a mistake in the account of his onward journey to Sankisa and Kanauj, which requires to be noticed for the purpose of correction.

From Piloshanna the pilgrim is said to have travelled 200 *li* to the south-east to *Kie-pi-tha* (or Sankisa), and from that place to Kanauj somewhat less than 200 *li* to the north-west.¹ Here Hwen Thsang makes the distance between Piloshanna and Kanauj close upon 400 *li*, or 67 miles. His bearing from Sankisa to Kanauj is of course wrong, as a north-west direction would have carried him back to Piloshanna. The bearing should of course be south-east, and it is so given by Fa Hian,² who further makes the distance only 7 *yojanas*, or 49 miles. Now, this is the true distance between Sankisa and Kanauj, which is exactly 50 miles. Hwen Thsang's distance of 200 *li*, or 33 miles, is therefore exactly 100 *li*, or nearly 17 miles, short. But if we accept the *whole distance* from Piloshanna to Kanauj as 400 *li*, and deduct from it 300 *li* between Sankisa and Kanauj, there will remain just 100 *li*, or 17 miles, for the distance between Piloshanna and Sankisa. I have marched this route three different times, and I estimate the distance as 18 miles by the road *via* Ali ganj, and 17 miles direct. I think therefore that I am fully justified in proposing to divide Hwen Thsang's total distance of 400 *li* between Piloshanna and Kanauj into two unequal portions of 100 *li* to Sankisa, plus 300 *li* to Kanauj, instead of the two equal distances of 200 *li* each, which are recorded in his text.

The pilgrim describes the capital of Piloshanna as being 12 *li*, or just 2 miles, in circuit.³ The people were chiefly heretics (Brahmanists), and there were few Buddhists. But they still had two monasteries with three hundred monks; while the heretics had five temples of the gods [*Devālaya* or

¹ Julien's Hwen Thsang, II, 241.

² Beal's Fa Hian Chap. XVIII.

³ Julien's Hwen Thsang, II, 235.

Dewal]. Inside an ancient monastery, *in the midst of the town*, there was a stūpa 100 feet in height, which was said to have been built by Asoka, on a spot where Buddha had preached for seven days. Beside this monastery, there was a place where the four Buddhas had sat and walked.

From this account I make out that the ancient monastery must have occupied the great mound in the middle of the village, marked A in the map of the place.¹ The inhabited monasteries must therefore have been outside the town, and they must have been of some size to have accommodated the 200 monks mentioned by the pilgrim. The possible sites seem to be the two large mounds marked B and C in the map. Of the great stūpa of Asoka I could not find any trace. I dug a trench right across the top of the great mound, and at a depth of $7\frac{1}{2}$ feet, I came upon several walls 2 and 3 feet thick, but all of comparatively late date, and lying at different angles, from which I concluded that they were the remains of the houses of mediæval date, when the place was occupied as a fort. The bricks were large, $14\frac{1}{4}$ by $8\frac{1}{2}$, $2\frac{3}{4}$, and I have no doubt that they belonged originally to Asoka's stūpa. I dug also some other trenches on the lower part of the mound to the east, near a fine octagonal well. I look upon all wells of this shape as certain evidences of Buddhism, as the wells in the Jetawana at Srāvasti are of this shape, and the Burmese Buddhists still use the octagonal form in preference to any other.

The other mounds at Bilsar are most probably the sites of the five Brahmanical temples mentioned by the Chinese pilgrim. Two of them, D and F, are certainly the remains of Brahmanical temples; and I judge the others to have been so on account of the remains of Brahmanical sculptures collected there. These five sites are the following: marked D, E, F, G, and H.

The mound marked D is called *Gandhor-ka-rurhia*, but no one knew the meaning of the name. It is 20 feet in height, but its breadth is small; and my excavations brought to light the walls of a square temple. As in most of the other temples, the lines of wall do not correspond with the cardinal points, the E and W wall bearing 265° instead of 270° . As nothing was discovered, the excavation was discontinued. There is a fine octagonal well close by the north-east corner, 8 feet 3 inches in diameter. This may perhaps show that the temple belonged to the Buddhists.

¹ See Plate V.

Mound E is about 250 feet square at base and 10 feet in height. It is a mere mass of fragments of bricks and pottery; larger bricks having been carried off to build houses in the village.

The four pillars at the site marked F are by far the most interesting remains at Bilsar. Two of the pillars are round monoliths, bearing inscriptions of Kumāra Gupta, of which the northern one is dated in the year 96 of the Gupta era. These two pillars are 85 feet apart, the bearing between them being 11° to the east of north. Taking the line lying between them as a base, and setting off from its mid point a perpendicular line of 85 feet towards the east fixes the position of the second pair of pillars, which are square. As all four of these pillars are thus clearly connected together, I take them to have formed a portion of some large temple of the Gupta kings. I made several excavations to the westward of the two square pillars, but without finding any traces of walls. On the east and north sides all excavation is barred by the houses of the village, which stand close to the two pillars. At a few feet distant on the south side there is a deeply-cut road, which shows that no walls exist in that direction. The rubbish of centuries which has accumulated around these four pillars to a depth of 8 or 10 feet has been the means of their preservation. The top portions of all four pillars have disappeared long ago, and nothing now remains save what was buried under ground. But the inscriptions of Kumāra Gupta luckily exist to show that the two square pillars must have formed part of the temple of the Gupta period. Their testimony is quite invaluable, as there are similarly ornamented square pillars at Garhwā, near Allahabad, which we can now say positively must also have belonged to a Gupta temple. In my account of the Gupta temples at Sānchi, Udaygiri, Eran, Tigowa, and Deoriya, I have shown that one of the characteristics of the Gupta architecture is the presence of figures of the river-goddesses Ganges and Jumna on the door jambs. In accordance with this invariable practice of the Gupta builders, the figures of the Ganges and Jumna are also found upon the two square pillars of this Gupta temple at Bilsar. There is only a slight trace of Ganga on the northern pillar, which is very much dilapidated, but the Yamunā, or Jumna, is still in very fair preservation on the southern pillar.¹ The two Garhwā pillars agree exactly with these Bilsar

¹ See Plate VI. 'Near the top of the pillar is the Jumna on her tortoise.'

pillars in the style of deeply-cut flowered ornament on the sides, and in presenting a tall figure as a guard or porter on each side of the entrance. The Bilsar pillars are 2 feet 1 inch square and 9 feet high in their present broken state. But the tops of both are broken off, and as they are still upwards of 10 feet in height, it seems probable that they must have been between 13 and 14 feet high.

The two inscribed columns are plain circular monoliths from 19 to 20 inches in diameter. The tops of both are broken off, but they are still 10 feet high above the rough lower portions of their shafts, which were presumably sunk under ground. The inscriptions are engraved on their eastern faces, and as the figures of the Ganges and Jumna also face the east, it seems nearly certain that the entrance of the temple must have faced the east. In this case I should take the two square pillars to have been the supports of the Toran, or ornamental gateway, leading up to the temple from the east. It is somewhat in favour of this view that there is a flight of steps leading upwards from the Toran pillars towards the west. I could not ascertain whether this staircase was part of the original structure or not. If it was so, it has been repaired with old materials, as the lowermost step is formed of a pilaster 6 feet in length and 11 inches in breadth, which I think may have formed part of the original temple. There is a pillar of exactly the same size and pattern lying in the village close by. The details of these pillars are almost precisely the same as those of the Gupta temples and caves at Sanchi, Udaygiri, and Eran. I think therefore that this very strong evidence is sufficient to establish the correctness of my opinion that these pillars must have belonged to the Gupta temple. If this be admitted, we may go still further, and from these pilasters build a temple of the Gupta period similar to those which still exist at Sanchi, Udaygiri, Eran, and Tegowa. This would have been a simple square building, with a portico of four pillars in front near the top of the staircase. The roof would have been flat, and the ornamentation would have been limited to the doorway and the architraves.

The two round pillars are plain monoliths of dark-red sandstone. The northern pillar has 13 lines of an inscription and the southern pillar 16 lines. Both inscriptions are injured, more particularly the southern one. The letters have peculiar heads, or *mátrás*, somewhat in the shape of dice-boxes placed horizontally. Of the northern inscription the

left half of the first four lines is gone; but the greater portion may be supplied with certainty from the Bhitari pillar inscription. The upper part of the inscription on the southern pillar is also much injured; but by counting the letters, and comparing them with those of the Bhitari inscription, the accordance is seen to be nearly perfect. The seven lines in the middle of the southern inscription are completely gone; but the last five lines are in tolerable condition, and seem to correspond letter for letter with the last part of the northern pillar inscription. I read the whole as follows, marking the beginning of each line of the south pillar inscription with a figure in a bracket, and filling up the gaps in the first part from the Bhitari inscription. In the accompanying plate I have inserted the missing portions of each line in English letters for ready comparison.¹

- 1.—[Sarvvarajochchhetuh prithivyamapratirathasya chaturudadhi] salila : (2) swâditaya śaso—
- 2.—[Dhana-da Varunendrântaka * masya kritânta paraśoh śreya (3) satâneka] ranya koṭi pradasya chirotsan-nâswamedha harttuḥ.
- 3.—[Mahârâja Sri Gupta (4) puttrasya mahârâja Sri Ghatotkacha puttrasya] MahârâjâdhiraJa Sri Chandra Gupta puttrasya.
- 4.—Lichchhavi dauhitrasya [mahâdevyâm kumâra Devyâ Mahârâja] dhiraja Sri Samudra Gupta puttrasya.
- 5.—Mahâdevyâm Datta Devyâ Mutpannasya [mahâ pratirathasya parama Bhâgavatasya mahârâjâdhiraJa- Sri Chandra Gupta puttrasya.
- 6.—Mahâdevyâm Dhruva Devyâ mutpannasya Mahârâja dhirâja Sri Kumâra Gupta syâbhivardhamana râjya Samvatsare Shannavate (96).
- 7.—Asya divasa purvvayâm Bhagavatastrailokya tejassam-bharasata tatrâbhuta murtter Brahmaṇya Devasya.
- 8.—[Five letters] nivâsinah Swâmi mahâsenasya yatanâ, smâkirttasugâchara saddharma vartma bhaya-sinâ.
- 9.—Vatachehhe [five letters] su* ri* la* rmadâmânitena (12) Dhruva śarmmaṇa Karmma mahât kritad.
- 10.—Kritvâ Śivâbhîrâmâ mûnida manidhitiam Swargga Saupânarapâ (13) Kahverachchhanda bimba sphoṭika mani dalâbhâsa gaurâm pratoli.

11.—Prâsâdatabhirupa punya* radavna *(14* tha * tlay-
epava-punyashchevabhiram vrajati Subhipatistata
Śârmma Dhruvosta.

12.—Vyatir * sya (15) ** gasa yatavarapunyâtala padam.
* * do bhakti-rahita satwa samata kastrunnasam
puyaye.

13.—* * * vinati saścha * chayojedika * * * va-tenâma
Dhruva Śarmmanā * ira varama bhogayah kârita.

“The conqueror of all kings unsurpassed on the earth as a warrior, whose victorious arms reach to the four seas, equal to Dhanada, Varuna, Indra (and), Antaka, wielder of the battle-axe of death, giver of millions of gold, performer of the Aswamedha, the great king Sri Gupta’s son, the great king Sri Ghatot Kacha’s son, the great king of kings Chandra Gupta’s son by the Lichchhavis’ daughter, queen Kumâri Devi, the great king of kings Samudra Gupta’s son, by the queen Dattâ Devi, son of the unequalled warrior the supreme worshipper of Bhagavat, the great king of kings Chandra Gupta, by the queen Dhruva Devi, the great king of kings Kumâra Gupta, during his prosperous reign in the year 96: On this aforesaid day,¹ * * * * * in the house of Swâmi Mahâsena * * * * * one Dhruva Sarmman performed a great work * * * he erected a staircase (*sau-pana*), like that by which the *mûnis* ascended to heaven; with a gateway (*pratoli*) splendid as the crystal entrance to the palace of Kuvera; and a beautiful temple (*prâsâdatabhirûpa*), &c.”

I have ventured to give the few particulars noted at the end of this record on the authority of a Brahman Pandit at Simla. He assures me that *pratoli* means a “gateway,” whereas, according to Wilson, it means only “a high street,” or the “principal road through a town;” while Monier Williams gives it as the equivalent of “street.” Perhaps there was a Toran gateway at the foot of the staircase leading to the temple, as it is quite certain that the two square pillars of a Toran gateway are now standing at the foot of a staircase leading to a point midway between the two inscribed pillars. If “street” be the more correct rendering, then the street will be the hollow road which now runs between the two inscribed pillars, from which a flight of steps or some other means of ascent to the temple would have been necessary.

¹ But no day is mentioned in the previous line, which gives the written date of
“ninety-six.”

This inscription of Kumâra Gupta will be published hereafter along with the other Gupta records in Vol. III of the 'Corpus Inscriptionum Indicarum.' But I have thought it necessary to give the above brief notice in anticipation, as the inscription seems to refer very distinctly to the temple of which only the pillars now remain. If I am right in my inference, then this temple must have been one of the five Brahmanical fanes seen by Hwen Thsang.

About fifty paces to the east of the Toran pillars, and on the side of the hollow road, there is a fine stone trough, which differs from all others that I have met with in being ornamented with slight mouldings running all round, and with flowers at the corners. At one end there is a two-armed figure seated on a throne, which I take to be Vishnu. The trough is 7 feet $7\frac{1}{2}$ inches long by 3 feet $2\frac{1}{2}$ inches broad, and 2 feet 10 inches high.

The only other remains at Bilsar are carved or moulded bricks, some of which are of very large dimensions. I found one fragment of a pierced lattice in carved terra-cotta. The holes were mere squares, but the border was a very intricate flower pattern. In the accompanying plate I have given sketches of three examples of the larger bricks which, though coarsely executed, are very striking and effective designs from their deep cutting.¹

No. 1, which is placed sideways in the plate for convenience, seems to be the end-piece of coping of a Buddhist railing. It is 18 inches in length by 12 inches in height.

No. 2 may perhaps have formed part of a battlement. It is also 12 inches broad and 5 inches thick.

No. 3 has puzzled me a good deal; and I feel quite uncertain as to its use. The only purpose that I can suggest for it is the central piece of a large pavement. It was evidently made for some special position, as it is not square, although its circular pattern demands a square to satisfy the eye. It is 23 inches long by 21 inches broad.

The only mention of Bilsar that I can find during the Muhammadan rule is in the year 645 A.H., or A.D. 1247, when Balban, the Wazir of Nâsir-uddin Mahmûd made a campaign in the Doab between the Ganges and Jumna. Minhâj-us-Sirâj, a contemporary writer, celebrated this campaign in verse. In his *Tabakât-i-Nâsiri* he relates that—

"in the neighbourhood of Kanauj there is a fortified village called *Nandana*, where there is a very strong fort vying with the wall of

¹ See Plate VII.

Alexander. A body of infidel Hindus shut themselves in this place, resolved to fight to the last extremity. For two days the royal army carried on a murderous conflict at this village, but at length the rebels were sent to hell, and the place was subdued."¹

Professor Dowson gives the variant readings of *Talanda* and *Talsanda*. In *Ferishta* the name is *Bitunda*, which Briggs identifies with *Bulandshahr*.² In the same passage Dow reads the name as *Tilsanda*. Comparing all these variant readings together, I think that there can be little, if any, doubt that the place intended is *Bilsanda* or *Bilsar*. The two names are absolutely the same, the position of each is in the neighbourhood of *Kanauj*, and *Bilsar* once possessed a strong fort, of which the remains still exist.

IV.—SANKISA.

During the past few years I have three times visited Sankisa. On the first occasion, in March 1876, I went there for the express purpose of searching for the remains of the great Asoka pillar, of which only the elephant capital now exists above ground. From the site in which this capital was found, I inferred that the pillars must have stood due north of the mound of *Bisari Devi*, which I have previously identified with the position of the three holy flights of steps by which Buddha descended from the *Trayastrimsa* heavens, attended by Brahma and Indra.³ I guessed also from the angle formed by the diameter of the capital, taken along the back of the elephant, that the pillar must have fallen from a position nearly perpendicular to that line, as whichever way the elephant may have faced, the capital on reaching the ground would have turned round, so as to bring the elephant on its side. I gathered also from the actual size of the capital, as well as from the mention of its size given by *Fa Hian*, that the pillar must have been somewhere between 52 and 60 feet in total height. I therefore laid down a line at right angles to the long diameter and marked out a circular space between 50 and 60 feet distant from the elephant for my excavation. The result was singularly successful, as in less than an hour's digging we came on a square brick base, 11 feet 9 inches from north to south, and 10 feet

¹ Elliot's *Muhammadan Historians of India*, by Dowson, II, 347.
² Briggs' *Ferishta*, I, 237. Since this was written I have seen Major Raverty's translation of *Minhâj*, in which I find that one of the good manuscripts actually gives *Bilsanda* as the name of the place, thus most satisfactorily confirming my suggestion.

³ See *Archæological Survey of India*, I, 278.

2, inches from east to west. There was a large circular hole in the centre, in which it was quite clear that the pillar had originally stood, as there was a great gap on the side towards the elephant capital, showing that the shaft had certainly fallen in that direction. I then found that this base was due north from the Bisâri Devi mound and exactly on the prolongation of its eastern wall. From this curious coincidence I conclude that the three holy flights of steps, which Hwen Thsang describes as being *in a line* from north to south and facing the east,¹ were almost certainly on the old mound now dedicated to Bisâri Devi. This mound is 20 feet high and 160 feet in diameter at base. It seems to be composed of solid brick-work, some of the bricks being of the large size of $24\frac{1}{2}$ by $10\frac{1}{2}$ by $3\frac{1}{2}$ inches.

Encouraged by the successful discovery of the basement of the pillar, I opened a broad trench the whole way between it and the elephant capital, in the hope of finding some portion of the shaft, which was most probably inscribed with some of Asoka's edicts. In this I was disappointed; but I found large masses of wall, which had fallen down towards the east, still lying unbroken. I traced also a thick wall running from north to south at a short distance to the east of the pillar. I think it probable that this was part of the surrounding wall of the great monastery within which stood the three holy staircases.

All round the basement of the pillar I found traces of a brick floor, at a depth of 4 feet below the present level of the field in which it stands. As the depth of the elephant capital below the ground-level is only $2\frac{1}{4}$ feet, a rough approximation to the date of its fall may be made by taking 4 feet as the accumulation of soil in 2,000 years. This would give 1,125 years for the period of accumulation round the elephant, which deducted from A.D. 1875, leaves A.D. 750 as the approximate date of the fall of the pillar. There is nothing improbable in this date, as it is more than a century later than the visit of Hwen Thsang when the pillar was still standing. Judging from the thickness of the enclosing wall of the monastery, I cannot help thinking that it must have been thrown down by an earthquake; and as it is lying in the same direction as the prostrate pillar, I suspect that both may have fallen at the same time.

In my former account of Sankisa, I have quoted a tradition that the place was deserted between 1,800 and 1,900

¹ Julien's Hwen Thsang, II, 237.

years ago, and that 1,300 years ago, or about A.D. 560, it was given by a *Kayasth* to a body of *Brahmans*.¹ I have also quoted the statement mentioned by Hwen Thsang, in A.D. 636, that the *Brahmans* who dwelt near the monastery were "many tens of thousands" in number. With these two accounts I would now connect the facts that at the present day the *Brahmans* are very numerous at Sankisa, while a large proportion of the inhabitants of the neighbouring village of Pakna Bihar are *Saksena* (or *Sankisenā*) *Kayasths*, who claim to be the descendants of a body of immigrants from Sankisa. These *Kayasths* do not possess any lands in Bihar, but they are the owners of the largest houses. All these different facts seem to me to be so many separate parts of one continuous story. At some early period, perhaps before the time of Hwen Thsang, the *Kayasths* of Sankisa deserted their native place and settled at Pakna Bihar, their lands at Sankisa becoming at the same time the property of a party of *Brahmans*. At the present day the lands of Sankisa are largely owned by *Brahmans*, while the *Saksena* *Kayasths* of Pakna Bihar are landless. It therefore seems not improbable that the *Brahmans* of Bihar may have succeeded at last in ousting the *Kayasths* of Sankisa from their lands.

In the beginning of the 5th century, when Fa Hian was at Sankisa, he heard that once—

"some heretical doctors had a contention with the Shamans respecting this (Sankisa) as a place of residence. Then the Shamans agreed to any condition for settling the question that might be considered reasonable. On which they all bound themselves to this compact: If this place properly belongs to the Shamans, then there will be some supernatural proof given of it. Immediately on this the lion on the top of the pillar uttered a great roar. Witnessing this testimony, the unbelievers, abashed, withdrew from the dispute and submitted."²

The translation of this passage by Remusat, as given by Laidlay, is as follows:—

"There were heterodox philosophers who contested with the *Sha-men* the right of sojourn here. The *Sha-men* submitted to a condition, and entered into a mutual convention. 'If,' said they, 'this place ought to be the abode of the *Sha-men*, let a supernatural testimony proclaim it.' They had no sooner finished this speech than the lion on the summit of the pillar uttered a loud roar. On witnessing this testimony, the heretics were overwhelmed with fear, and, submitting their hearts to *Fo*, received the divine sustenance."

¹ See Archaeological Survey of India, I, 279.

² Beal's Fa Hian, C. vii, p. 65. See also Laidlay's, Fa Hian, p. 121.

These heretical doctors, or heterodox philosophers, were, as Remusat suggests, most probably Brahmans; so that even long before the time of Fa Hian there had been a dispute between the Brahmans and Sramans. Up to the time of Fa Hian, A.D. 400, the Buddhists had kept possession, but some time before Hwen Thsang's visit, in 636 A.D., the Brahmins must have prevailed over their opponents, as he records that there were no less than ten temples of the gods and numbers of heretics; while there were only four monasteries with about one thousand monks. My impression is that the quarrels with Brahmins must have begun at a very early date, shortly after the downfall of the Indo-Scythian Buddhists in Northern India, and the rise of the powerful Brahmanical dynasty of Guptas, some time during the second or third century of the Christian era.

During my stay at Sankisa I made a large collection of ancient coins and other objects of interest. The earliest coins were of course the small square pieces with small symbols or figures punched upon them. I obtained no less than fourteen specimens of these early coins, of which three were of silver. Along with these were several cast copper coins. Next in age are the coins of the satraps of Mathura, Rajubul and his son Saudâsa, who preceded Kanishka and Huvishka in Northern India. Then come the coins of the Indo-Scythian kings themselves, Wema-Kadphises, Kanishka, Huvishka, and Vâsu Deva, with a few of their successors whose names are not decipherable in their barbarous Greek legends. Then follows a long period of several hundred years quite unrepresented by coins until the 8th or 9th century, when the Indo-Sassanian pieces make their appearance, accompanied by some *Varâha-drammas*. These are small pieces of silver, with the Varâha incarnation of Vishnu on the obverse, and on the reverse a short legend, *Sirmâd-âdi-Varâha*.

In the neighbouring ruins of the Pakna Bihâr monastery not even a single coin of any kind has been discovered of an older date than the Indo-Scythians. But the coins of these princes are very numerous all round about Sankisa, and I infer that during their rule Buddhism revived and became prosperous.

Amongst the other objects of interest which I obtained at Sankisa, the following are the most worthy of notice: —

No. 1. A large seal of soapstone inscribed with the name of *Utara Senasa*, the owner of it. There is a peculiar trian-

gular symbol above, and the *swastika* below.¹ In the sketch the letters are reversed exactly as on the seal.

No. 2. A small sculptured scene in soapstone. Unfortunately the whole of the right edge has been broken off for rather more than an inch. In the accompanying sketch I have shown the full size of the original carving, which was exactly two inches and three-quarters in diameter. Rather more than a half of the composition is gone.² The remaining portion represents a lofty building approached by a long flight of steps, with a bend in the middle. The stairs have a Buddhist railing on each side and a small domed building at the head, which apparently leads into the upper storey of the building, which is supported on a row of pillars. Each storey has a Buddhist railing in front. There was a third storey above, but the sculpture is so much broken that the details are rather indistinct. There is certainly, however, a seated figure of Buddha in the middle, with his right hand raised in the attitude of teaching, and to the left, that is, on his right hand, there is a second figure seated with his hands raised apparently in adoration. To the left of the scene there is a palm-tree and a huge peacock, nearly as tall as the two storeys of the building. Near the bottom of the steps there is a woman with her left arm stretched upwards; and carrying a round vessel in her right hand. Outside the stairs to the right there are two objects which I take to be the head-dresses and broken faces of two figures. On the right all the rest of the sculpture is lost, but on the left of the staircase there appears to be a second flight of steps. The face of the stone is flat, but the back is convex, and covered with a small wavy pattern.

The subject of this curious sculpture is doubtful, but I think it not improbable that it may be the famous flights of steps at Sankisa. The third flight is not seen on account of the angle at which the middle flight is represented. My principal reason for this identification is the presence of the woman on the lower end of the steps, whom I take to be the Bhikshuni *Utpala*, or *Utpalavarna*, whose legend is related by both Fa Hian and Hwen Thsang. The seated figure of Buddha is, however, against this interpretation of the scene as a representation of the Sankisa building with its three flights of steps, as we learn from the Chinese pilgrim that the figures of Buddha and the attendant gods, Brahma and Indra, were all represented *standing* at the top of the

¹ See Plate VII, Fig. 1. ² See Plate VII, Fig. 2.

steps, and leaning forward as if about to descend. But I see no difficulty in supposing that the upper part of the scene represents Buddha in the Trayastrīsa heavens explaining his religion to his mother, Maya Devi, immediately before his return to this world at Sankisa. Accepting this explanation as not improbable, then the female figure at the bottom of the steps will undoubtedly be intended for the Bhikshuni Utpala.

According to Fa Hian,¹ when the rumour of Buddha's descent became known—

"then the Bhikshuni Utpalā began to think thus with herself : 'Today the king, ministers, and people are all going to meet Buddha and render homage to him, but I, a woman, how can I contrive to get the first sight of him ?' Buddha immediately, by his divine power, changed her into a holy chakravarti rāja, and in that capacity she was the very first to reverence Buddha on his return."

In this account Fa Hian has omitted the most interesting portion of the legend, which has luckily been preserved by Hwen Thsang.² As a chakravarti king, or supreme monarch, Utpala was escorted by four bodies of soldiers, which enabled her to make her way to the foot of the steps. Immediately on reaching the flights of steps, *she became again the Bhikshuni Utpala*, and thus, as a woman, was the first to behold Buddha on his return.

The story of Utpala is also noticed in the Devya avadana, where the Sthāvira Upagupta informs Asoka of the descent of Buddha from the Trayastrīsa heavens and the glorious metamorphosis of Utpalana-varna, who was transformed into a chakravarti rāja.³

In the accompanying sketch I have completed the circle to show the original size of this curious piece of carving. The centre of the circle was first obtained from the remaining portion of the circumference, and as it falls immediately under the figure of Buddha, which was no doubt placed in the middle of the composition, I have every confidence in the size of the medallion as given in the plate. I have restored a few lines of railing on the right hand to assist in completing the picture.

¹ Beal's Fa Hian, C. xvii, p. 63; and Laidlay's Fa Hian, p. 121.

² Julien's Hwen Thsang, II, p. 240. M. Julien has rendered the Chinese translation of the nun's name by Pundarika Varna in his text, and by Padmavarna in his index. But Fa Hian's transcript of the name as Yeu-pho-lo, or Utpala, shows that the equivalent for lotus in her name was certainly Utpala, and not Pundarika or Padma.

³ Burnouf: Introduction à l' histoire du Buddhisme Indien, p. 399.

No. 3 is a piece of hard fine-grained soapstone two inches and three-quarters in diameter. It has a very elaborately carved deep border surrounding an inner circle divided into twelve spaces. Three of these are occupied by figures of men standing, three more by palm-trees, and the remaining six by a common Buddhist symbol. I obtained a broken piece of a similarly carved *plaque* from Shahdheri or Taxila. It wants the outer circle altogether, but there are the same men and the same palm-trees. The circle also is of the same size as the inner circle of the Sankisa carving, but instead of the six symbols, there are six simple tall cones. Their use is still a mystery. It is possible that they may have served some purpose for a lady's toilet, or perhaps as receptacles for quicklime, which is used in small quantities with the betel-nut and *pān* leaf.

No. 4 is a terra-cotta figure of one-half size. There is nothing specially worthy of notice in the figure except that it is unusually perfect. From the beaded zone round her loins I conclude that the figure is an old one. She holds a lotus flower by the stalk in her right hand, while her left hand rests on her hip.

No. 5 is a broken piece of carving in black stone. It represents the death, or *nirvāna*, of Buddha, who is seen lying on his right side, with his right hand under his head. This is in exact accordance with the received accounts of his position when he died, and also in strict agreement with all the sculptures of the *nirvana* that I have met with. The attendant figures are monks, with their right shoulder bare; but I am unable to recognise any of them. On the opposite face of this small slab there is the fore-leg of a very large elephant, being about three-quarters of an inch thick, with a foot 1 inch in diameter. The animal must therefore have been about 6 inches in height; and if there were any figures on his back, the whole sculpture must have been about 8 inches high by some 10 inches in length. In front of the elephant's leg there is a soldier $1\frac{3}{4}$ inch in height. He is dressed in a *dhoti*, or loin-cloth, and armed with a sword and shield. His head is bare, with the hair parted down the middle, and he wears a large circular ear-ring. I conclude that what the scene represents was a procession, with the elephant bearing a relic casket on his head.

No. 6 is a specimen of several goldsmiths' moulds in soapstone for casting small pieces of jewellery. The narrow mouths for pouring in the molten metal are still perfect in

several of them. The specimen given in the plate has been selected on account of its bearing three Arian Pali letters just above the circle of ornament. I read them as *paretha*. There are traces of Arian letters on two other moulds. The occurrence of these Arian characters is both curious and interesting, as it would seem to show that some western goldsmiths must have settled at Sankisa. As the Arian characters were not used in Northern India after the downfall of the Indo-Scythians, these moulds may be ascribed with much probability to the period of their rule.

In addition to the specimens given in the plate, I was fortunate enough to obtain about a dozen examples of terra-cotta figures of an early period. Most of them are female, with large ear-rings, elaborate head-dresses, and beaded zones. Two of them represent either Mâyâ Devi, or the goddess Lakshmi, being anointed by two elephants, one on each side. One of the male figures carries a harp in his hand, similar in shape to the harp in the Bharhut and Mathura sculptures and on the coins of Samudra Gupta.

I also obtained two stone dishes or stands for vessels. The larger one is a blue stone similar to the clay slate of the Gândhâra sculptures, and was therefore most probably brought from the banks of the Indus. The smaller one is a pale, pinkish, fine-grained sandstone, similar to that which is now obtained from the quarries near Fatehpur Sikri.

The blue dish is 11 inches in diameter and quite flat. It has a plain circle in the middle, $3\frac{1}{2}$ inches in diameter, to receive the bottom of a vessel. Beyond this there are two circles of ornaments, of which the inner circle contains cockle shells only. The outer circle is divided into four quarters by a star of six points. In one of these quadrants there are two birds and two bears; in the next quadrant two elephants; in the third a boar and a bridled horse; and in the fourth a man and a nondescript animal. The drawing of all these figures is of the lowest school-boy type, and the execution is coarse and rough.

The smaller dish is 10 inches in diameter, and is apparently intended to represent a large lotus flower. There is an inner circle $5\frac{1}{2}$ inches in diameter, with sloping sides, and hollowed out on the top to receive a vessel. Outside this there is a circle of petals or leaves of the lotus flower, and beyond this a second circle of floriated ornament. This stand is just 2 inches high in the middle.

There is a curious physical fact connected with the site of Sankisa which seems worthy of notice. To the west of the great mound on which the village stands, and which is known as *Nagara* and *Katra*, there is a level tract of ground embracing the villages of *Basantpur*, *Kolúa*, *Sit*, and *Dandi*, in which just below the water-level extensive remains of blackened wood are found. According to some informants, this tract is separated from the *Kâli Nadi* by a dry tract called *Tarâi*, in which no wells are dug. According to the people, the water is not reached until the stratum of black wood has been pierced. In former days, when a hole was made, the water is said to have spurted up with some force; but during the last twenty years the water-level has sunk 3 or 4 feet below the wood-bearing stratum. The wood found is quite black, and so is the clay which overlies it. The people look upon it as something wonderful, and generally describe the wood as a *layer of planks*. But the specimens which I obtained from several different spots seemed to me like common bog-wood. It is quite possible that the *Kâli Nadi* may once have flowed between Sankisa and *Aghat Sarai* along the very tract in which this black wood is now found.

In closing his account of Sankisa, Fa Hian mentions that "50 yojans to the north of this temple there is another temple called 'fire-limit,' which is the name of an evil spirit. Buddha in one of his incarnations converted this evil spirit, whereupon men in after ages raised a *vihâr* on the spot." The distance given in the text is almost certainly wrong, as 50 yojans, or 350 miles, would place the temple on the banks of the *Mâna-sarovara* lake at the source of the Sutlej river. It is unfortunate that the actual name of the place is not given, but only its translation. The term "boundary or limit of fire" would however be accurately represented by *Agnyant*, which seems a very probable derivation for *Agahat* or *Agahati*, the name of the large village on a mound 1 mile to the north-west of Sankisa. The mound is a very large one, and the village which stands upon it contains one thousand houses. The coins found in the ruins reach up to the time of the Indo-Scythians. But the sculptures which I have seen are nearly all Brahmanical and Jain. Amongst these are four brass figures of Jain pontiffs. It seems to me therefore very probable that this heretical village of *Agahat*, or *Agahati*, or *Agati*, may be the place of the evil spirit whose name was "Boundary of

fire." In this case the distance would have to be corrected from 50 *yojans*, or 350 miles, to 5 *li*, or 1 mile. In the maps the place is marked as Aghat Sarai; but the village of Sarai is quite distinct from that of Agahat, the former being on the level ground to the east of a small stream, and the latter on a very large mound to the west of the stream.

V.—PAKNA BIHAR.

In the Gangetic Provinces there are no less than four places of the name of Bihar still existing to attest the former widespread influence of Buddhism. The best known of these is the old town of Bihar, near Patna, which was called *Dand-Bihár* by the early Muhammadans, who made it the capital of Bengal. The next in consequence was the Bihar in South-eastern Oudh, 30 miles to the north-west of Allahabad. As this was the chief town of that district at the time of the Muhammadan conquest, it became the residence of the Governor of Eastern Oudh. It is now generally called *Tusáran-Bihár*, and sometimes *Süe-Bihár*. The third place of the name is also in Oudh, near Dalmau and Pátan, and is usually known as Pátan-Bihar. The last of the four is the famous Buddhist *vihár* close to Sankisa, which excited the admiration of the Chinese pilgrim Hwen Thsang. I should like to have named this Sankisa-Bihar, but as it is best known to the people as Pákna-Bihar, I have thought it right to retain the common name. Pakna is a good-sized village half-way between Bihar and Sankisa. As all the four places are described in the present report, I have thought it necessary to distinguish them by their full names.

Pakna-Bihar is situated 6 miles to the east of Sankisa, and 7 miles to the north-east of Bewar, on the Grand Trunk Road. The whole village stands on a mound; but the site of the old Buddhist vihar is quite unmistakable from its square form and great size. It lies to the south of the village, and is simply called *khera*, or "the mound." The bricks found here are 15 by 8 by 2 inches, but they have all been rubbed smooth, and must therefore have belonged to some building of consequence. Near its north-east corner was found the large statue of Buddha, which is now set up in "*Belon-ka-Mandar*." Similarly all the clay seals inscribed with the profession of the Buddhist faith, "*Ye dharma hetu*," &c., which are so common in Pakna-Bihar, came out of the great mound.

Half a mile to the north of the village there is a fine large tank, called *Mahi-täl*, on the western bank of which are the remains of four Brahmanical temples, as all the Brahmanical figures now in the village are said to have been found there. The group of Hara-Gauri came from the high mound to the north-west of the Mahi-tal, as did also a fine stone pillar.

The village itself is occupied chiefly by Parihâr Rajputs, who are the zemindars, and by Saksena Kayaths. The latter do not now possess any lands, but they own the largest houses, and claim descent from the original immigrants from Sankisa, as is shown by their name of *Saksena*, which is only a shortened form of *Sâkisena*.

The Buddhist ruin at Bihar corresponds only with the site of the great monastery described by Hwen Thsang, which, according to his account, was situated at 20 *li*, or rather more than 3 miles, to the east of Sankisa. "It was a magnificent building, on which sculpture had displayed all its wonders." It contained several hundred monks, who belonged to the school of the Sammatiyas; but besides the monks there were "many tens of thousands" of holy men dwelling near the monastery.¹

The foundation of the monastery most probably dated from the time of the Indo-Scythians, as a fragment of an inscription which I obtained from the mound certainly belongs to one of their kings. The fragment is apparently the left hand portion of the pedestal of a small statue. It is only $4\frac{1}{2}$ inches long by $2\frac{1}{2}$ inches broad; but the letters are deeply cut, and correspond in all respects with those of the Indo-Scythian inscriptions found at Mathura.² The following is a transcript of this short record, which is important as showing that the rule of the Indo-Scythians certainly extended as far eastward as Sankisa:—

Mahârâjasya Devaputraṣya * *
bho—Hastika—Hastikapu * *
Sane Bodhisatwa Devaputraka *

It is unfortunate that the first line breaks off exactly where the king's name began. If the initial letter had remained, we should have learned to whom the record belonged, whether to Kanishka, Huvishka, or Vasu Deva. The title of Devaputra was used by all these three princes, and not by the native Indians, as we learn from Samudra Gupta's mention

¹ Julien's Hwen Thsang, II, 237.

² See Plate XII for a fac-simile of this inscription.

of the Devaputra *Shâhi-shâhâ-n-shâhi*, whom he carefully distinguishes also from the kings of the Sakas and the Murundas, as well as from all the râjas of India.

The coins of the Indo-Scythian princes are also found in considerable numbers at Bihar, but I did not obtain even a single specimen of an earlier date, although I have visited the place twice, and have sent a servant there on a third occasion for the express purpose of collecting coins.

The great mound of ruins lies to the south of the village. It is about 1,000 or 1,100 feet long from north to south, by 700 feet broad from east to west. There are two parts higher than the rest, one of which at the southern end, marked A in the plate, is 250 feet long from east to west by 200 feet broad from north to south, the other, marked B in the plate, is about 100 feet square.¹ The former I take to be the remains of the great monastery, and the latter to be the ruins of a stûpa. At A bricks only are found, many of them very richly carved or moulded. At B many stones have been found by the people, who have broken them up and cut them into other shapes to suit their requirements. At my first visit to Bihar, I found the zemindars very uncommunicative, but on my second visit, after some questioning, a man voluntarily informed me that in one of his fields on the mound numbers of pieces of stone had been seen when ploughing. I at once purchased the green wheat standing in the part of the field which he pointed out, marked C in the plate, and began an excavation. At from 1 foot to 2 feet below the surface numberless fragments of stone of all sizes were exhumed, amongst them were bits of sculptured figures and carved stones. On the back of a small piece with a flying figure I found the words—

vadatteshan cha
* * *evamvadi,*

and on a pi  e of squatted figure I found—

yedha
thagato hyavadat,

and in the back of a piece of red stone with a small figure there was the compound letter *shka*. The first two were in mediæval characters, and form parts of the well-known Buddhist creed. The compound letter is of an older date, about

¹ See Plate X for the positions of these points.

the time of the Indo-Scythians or earlier Guptas. From the village also I obtained a broken four-armed figure which was said to have been found on the same spot. Nearly half of the Buddhist creed is engraved on one side, and the ejaculatory monosyllables *hum hi* are cut on the lotus leaves over the head.

These fragments of the Buddhist creed are sufficient to prove that the stones must have formed part of a Buddhist building, and I have no doubt that they were excavated from the mound B close by, which is the only part of the ruins in which stones have been found. But the Buddhist character of this mound is placed beyond all doubt by the pieces of Buddhist railing which I discovered in the mound itself. One of these was a broken rail-bar of stone, with a lotus flower medallion on each side, $12\frac{1}{2}$ inches in diameter, the slab being $13\frac{1}{2}$ inches broad. With the usual number of three rail-bars, the railing to which this bar belonged must have been upwards of 5 feet in height.

A second rail-bar of $6\frac{3}{4}$ inches breadth was also ornamented with a lotus flower on each side. In the village a piece of pillar was found $6\frac{3}{4}$ inches in breadth, with a lotus flower in the middle. As the breadth of the rail-bars of a Buddhist railing is usually the same as that of the pillars, I have little doubt that these two fragments belonged to the same railing, which must have been nearly 3 feet in height.

A portion of a third rail-bar of $5\frac{1}{2}$ inches breadth, and ornamented with similar lotus flowers, must have belonged to a still smaller Buddhist railing of not more than 28 inches in height.

I found nothing to indicate to what particular building these railings were attached; but I have no doubt there was the usual *stūpa* with a holy pipal tree, and a promenade with the thrones of the last four Buddhas, where they were believed to have sat and to have taken constitutional exercise.

To the *stūpa* must have belonged a fragment of some *Jātaka* or other legend, with a man standing in front of a horse, who is bending down on one knee, with his nose touching the ground. Below is a line of Greek moulding of alternate long and round beads.

The actual site of the monastery, which excited the admiration of the Chinese pilgrim, I believe to have been at the south end of the ruin, where bricks both plain and carved are

found in great numbers. Some specimens of these are given in the accompanying plate.¹

No. 1 is a thick brick with a peculiar chain pattern. The whole is $11\frac{1}{2}$ inches square, with a flat surface.

No. 2 is $8\frac{1}{2}$ inches square and $5\frac{1}{2}$ inches high. It appears to be part of the capital of a corner pilaster.

No. 3 is a highly raised boss of $9\frac{1}{2}$ inches in diameter, representing a lotus flower, with the heads of the stamens ingeniously converted into *swastikas*, or Indian sacred crosses. This was probably a wall ornament.

No. 4 is 10 inches in height, and seems to be just one-half of a brick panel for a continuous line of ornamentation.

No. 5 is part of the shaft of a pilaster $5\frac{1}{2}$ inches broad.

Nos. 6 and 7 are upper portions of pilaster of slightly different patterns. Not one specimen out of four was complete in its breadth; but I think that they were probably not more than $7\frac{1}{2}$ or 8 inches broad. The length for heading into the wall was 10 inches.

Nos. 8 and 9 are specimens of cornice mouldings; the former 4 inches thick, and the latter $2\frac{1}{2}$ inches.

Nos. 10 and 11 are the upper members of the capitals of two different pilasters. Both are 10 inches broad, and very nearly of the same height. Both of them also were engaged on two faces, so that they must have belonged to two corner pilasters. I think it probable that No. 2 was the lower member of one of these capitals. It is $8\frac{1}{2}$ inches square, and would have suited either of them.

But the most numerous, as well as the most interesting specimens of terra-cotta are the clay seals which are found in the Buddhist mound. These are of all ages, from the time of the Indo-Scythians down to the 10th or 11th century. I have collected some of the most curious specimens in the accompanying plate. But there are others of a larger size, with 16 or 18 lines of writing, which I have been obliged to omit, as the letters are so small that I have not been able to read them satisfactorily. They open with the words *Namo Bhagavato*, or "Glory to Buddha," and further on I can read *Tathāgato Namo Bhagavato Sākyā Muni*. The title of Tāthāgata occurs several times. I can read also the word *pratishthita* "established," which may perhaps refer either to the erection of some building, or to the dédicace of some statue.

No. 1 is a small seal of greyish-coloured clay with a draped figure standing to the front, his right hand extended, and his left holding a spear. On each side of the figure there is a letter of the Indo-Scythian or Gupta alphabet reading *Budha*, which I take to be the name of the owner of the seal. On the back there is a compound Arian Pali character which looks like *tsa*.¹

No. 2 is a small seal of black clay, with the name of *Vasunanda* in Gupta characters.

No. 4 is a large oblong seal of dull red-coloured clay. In the upper half there is a tree rising out of a square enclosure, with the letter *Va* to the left and *Sa* to the right. Below is the legend *Ashtavriddha* in Gupta characters.

No. 5 is a black clay seal upwards of one inch in diameter. Above there is a Bodhi tree, and below an indistinct legend in one line of Gupta letters, the reading of which is not certain. It looks like *Syama-ghoṣa*.

No. 6 is a small seal of black-coloured clay, with the figure of a humped bull.

No. 7 is a seal of red-coloured clay, 1 inch in diameter. It has once been covered with a blue glaze, of which several portions still remain on the face of the seal. The subject seems to be the famous triple flight of steps by which Buddha was said to have descended from the *Trayastrinsa* heavens, accompanied by the gods Brahma and Indra. As the scene of this legend was laid at Sankisa, the subject was a natural one for a seal of the great monastery close to Sankisa. In the middle of the seal there are three flights of steps leading down from a platform surrounded by a Buddhist railing. Over each flight of steps there is a single letter of the Gupta alphabet. To the left I read *Bra* for *Brahma*, in the middle *Bu* for *Buddha*, and on the right *Sa* for *Sakra* or *Indra*. The arrangement here indicated agrees with the account of the Chinese pilgrim Fa Hian, who says that Brahma accompanied him *on his right side* by a silver ladder, and Indra *on his left side* by a golden one, while Buddha himself descended by a crystal staircase in the middle. But the other pilgrim, Hwen Thsang, assigns the golden staircase to Buddha, the silver staircase *on his right* to Brahma, and the crystal staircase *on his left* to Indra. It is unfortunate that this curious seal is not in better preservation.

¹ See Plate XII for these seals.

No. 8 is a large seal of bright-red clay, upwards of 2 inches in length. In the middle is the word *Sānti* in Gupta characters, surrounded by a double line of beaded bordering. *Sānti* means "rest, repose, exemption from passion," which was the goal of every pious Buddhist's aspirations. It was probably the name of the owner of the seal.

No. 9 is a large seal of black clay, $1\frac{1}{2}$ inch in diameter. It bears two lines of large letters of the Gupta alphabet, which I read as *Devārāma Sanghasa*, that is "[seal] of the Assembly of the Devārāma," or Deva monastery. Perhaps this may have been the name of the great monastery described by Hwen Thsang.

No. 10 is a seal of dark-red clay with a star or star-like object in the upper half, and a legend in Gupta characters below, which I read as *Varāha-dattasya*, or "[seal] of Varāha-datta." Judging by his name, *Varāha-datta*, "given by Vishnu," should have been a worshipper of Vishnu.

No. 12 is a fine seal of black clay, upwards of an inch in diameter. In the middle is a lofty stūpa surrounded by seven lines of inscription in mediæval characters. The subject is the well-known Buddhist creed.

No. 13 is a somewhat larger seal of red-coloured clay, with the Buddhist creed arranged in five lines of finely formed and well preserved characters. They are arranged as follows:—

Ye dharmma hetu prabhava hetun teshān Tathtāgato hyāvadat teshān cha yo nirodha evam vādi mahā śramanah.

"Of all things proceeding from cause, their causes hath the Tathāgata (Buddha) explained. The great Sramana (Buddha) hath likewise explained the causes of the cessation of existence."

No. 14 is a large seal of dark red clay, upwards of 1 inch in diameter. In the upper half there is a figure of Buddha, the teacher seated on a lotus flower, his hands in front of his breast, with the fore-fingers so disposed as if enforcing his argument. Below is the Buddhist creed arranged in three lines of small well-formed characters of the later Gupta period.

There is a great variety of these small seals inscribed with the Buddhist creed. Some are round, some are oval. A few have the figure of Buddha, and several have stūpas; but the greater number have only the inscription arranged in five, six, or seven lines of carefully-executed characters. On some the letters are made sloping slightly to the right. These seals are almost invariably enclosed in balls of clay,

which frequently take the form of stūpas. But at Pakna-Bihar I was unable to obtain even a single specimen of the clay coating. All the balls, amounting to at least one hundred specimens, had been broken and thrown away.

VI.—PADHAM.

The village of Pādham stands on the top of one of the loftiest mounds of the Gangetic Doab, just half-way between Etah and Shekohabad, on the right bank of the Arind river. The mound stretches from north to south upwards of three-quarters of a mile in length, with a breadth of rather less than half a mile in the widest part. From the indented form of the east side, and the low ground lying to the south, which even now has pools of water, I infer that the Arind river once washed the east and south faces of the mound.¹ It still flows past the northern end, but soon turns to the eastward, until at the southern end it reaches a distance of 2,000 feet. I believe also, from the appearance of the country, that the river formerly touched the north-werst corner of the mound. This sort of position must have been a favourite one with the old Hindus, as I have found that several of their most famous places were surrounded on three sides by a river.

The antiquity of the place is attested by the numbers of old coins that are found amongst its ruins. These include some punch-marked coins, the most ancient of all, with single specimens of the satraps Rajubul and his son Saūdāsa. I got also 20 coins of the Indo-Scythian kings Kanishka and Huvishka, and 11 coins of the Indo-Sassanian period. The money of the Muhammadan kings was even more common from the time of Muhammad-bin-Sam down to Akbar. This unbroken succession of the different coinages shows that the place must have been occupied continuously from the very earliest times, and yet nothing of man's work now remains, but a few coins buried in a mound of rubbish.

The Brahmans refer the foundation of the place to Parikshita, the son of Arjuna; and they point to the Parichitkund, or well of Parikshita, as an incontestable proof of their story. There are several fine old wells built of blocks of kankar, of which one at the northern end, near the Akhāra, is 12 feet in diameter. The bricks also are large, 19 by 9 $\frac{1}{2}$ by 3-inches. Everywhere large blocks of kankar are seen built into the

¹ See Plate XIII for a map of the mound of Pādham.

walls of the modern houses. The only actual remains of an old building that I could find are in the walls of the Panjpir masjid, near the south end of the mound. This was originally the site of a great Hindu temple, as shown by the pillars and bands of ornament, and the pieces of an *amalaka* fruit pinnacle which are still lying about. The highest point of the mound I found to be 50 feet 3 inches.

Pâdham is mentioned during the reign of Khizr Sayid in A.H. 817, or A.D. 1414, when his general, Tâj-ul-mulk, made a campaign to chastise and plunder the infidels. He crossed the Jumna and went to the—

“town of *Ahâr*. Then he crossed the Ganges into the country of *Katehar*. * * Rai Har Sing fled into the mountains of *Anwâla*. When the army of Islâm closed in upon him he was helpless, and paid taxes, money, and tribute. Muhâbat Khân, Amir of Badaon, came to wait upon Tâj-ul-mulk. After this interview, Tâj-ul-mulk, pursuing the course of the Rahab, arrived at the ford of *Sarg-dwâri*, and there crossed the Ganges. He chastised the infidels of *Khur* and *Kambil*, and passing through the town of *Sakina* he proceeded to *Pâdham*.¹”

I have quoted the whole of this passage for the purpose of pointing out other identifications besides that of *Pâdham*.

Ahâr is a well-known town on the right bank of the Ganges.

Katehar is the old Hindu name of Rohilkhand.

Anwala is *Aonla*, but there are no mountains near the place. Abdul-kâdir, who lived at Badaon, only 20 miles to the south of Aonla, did not make this mistake, but wrote “Junguls of Aonla,” which was quite true of the country at that time. I have already pointed out that “it was in this very position, in the jungles to the north of Aonla, that the Katehria Rajputs withstood the Muhammadans under Firoz Tughlak.”²

Sarg-dwâri was founded by Muhammad Tughlak in the neighbourhood of *Kampila*.

Khur and *Kambil* have already been identified by Professor Dowson with *Shamsâbâd* and *Kampila*.

Sakina should be *Sakît*, a large town 12 miles to the south-east of Etah.

Bâdham is the town which I have described above as *Pâdham*. It is 12 miles to the south-west of *Sakit*, and 18 miles to the north-north-east of Shekohabad.

¹ *Tarikh-i-Mubârak Shah*, in Elliot’s Muhammadan Historians, by Dowson, IV, 47.

² Archaeological Survey of India, I, 257.

VII.—BHITARGAON.

The village of Bhitargaon, or Bâri-Bhitari, is situated just half-way between Cawnpore and Hamirpore, at 20 miles to the south of the former place, and 10 miles to the north-west of Kora-Jahanabad. My attention was first drawn to the place by my old friend, Râja Siva Prasâd, who reported that there was an old temple possessing terra-cotta sculpture of a superior kind. I paid a hasty visit to Bhitargaon, early in November 1877, and I returned to it again in February 1878. The place has also been visited by my zealous assistant, Mr. J. D. Beglar, from whose photographs of the temple I have selected the front view given in the plate.

Bhitargaon means the "Inner-town," and the present village is said to have been in the heart of an ancient city named *Philpur*, or "Flower-town." The village of Bâri-gaon, or "Outer-town," more than half a mile to the east, is pointed out as one of the ancient suburbs, and the whole of the land of these two villages is known by the general name of *Bâri-Bhitari*. They stand in the midst of a group of villages, which in the rains are surrounded by the waters of the Rind or Arind river. In one of these villages, named Paraoli, there is a small circular temple of brick, and at Râr, 5 miles to the south, and outside the island, there are two other brick temples of the same class. All of these will be described hereafter.

The one large temple at Bhitargaon which is still standing on the east of the village, is called simply *Dewal*, or "the temple," and nothing whatever is known of its history. To the south at 500 feet there is a large mound of brick ruins which is said to be the remains of the temple of *Fhijhi Nâg*. I strongly suspect, however, that the name is a late invention, derived perhaps from the snake which still canopies one of the several broken figures that were dug out of the ruins. It is a two-armed standing male figure, with the snake's undulated body behind. Numerous ornamental bricks were found in this mound, with which I was able to repair several broken places in the lower part of the standing temple, as many of the mouldings and dimensions were the same in both buildings.

The brick temple named *Dewal* is a square of 66 feet, with the corners indented, and a projecting portico or entrance hall on the east. The walls are 8 feet thick. Altogether it is 47 feet long and $36\frac{1}{2}$ feet broad. It is built throughout of large well-burnt bricks, $18 \times 9 \times 3$ inches, laid

in mud mortar. A flight of six steps leads up to a small ante-room, 8 feet by 7 feet 3 inches, from which a passage, 8 feet in length, opens into the main room. The two passages are roofed with semi-circular vaults, and the two rooms with pointed domes. These vaults are built after the Hindu fashion with the bricks placed edge to edge, instead of face to face. The outer semi-circular arch, which covered the entrance steps, has fallen down; but some of the bricks still remain to show that its construction was exactly the same as that of the semi-circular arch between the two rooms. Both the arches and the domes rise from imposts, as shown in the accompanying section.¹ This particular kind of arching I propose to call the Hindu arch, as it seems to be peculiar to India.

Above the main dome there is a second square chamber of similar size, which was also covered with a vault of the same construction. In the Paraoli temple this upper vault is fully exposed to view by the falling down of the north-western half of the temple. In the Bhitargaon temple the upper vault is not visible from the outside; but it has been seen by many of the villagers, who are accustomed to climb to the top of the temple during the dry weather. Thirty years ago the upper part of the temple was intact, but a few years before the mutiny [the people say *do-char*, or "three" years], the spire was struck by lightning, when the upper part was thrown down, and the upper room became exposed to the sky. All agree that this room is square.

The interior of the temple is now only plain earth, the whole of the floor having been dug up. I found two fragments of a terra-cotta figure, which most probably belonged to some of the alto-relievoes on the outside. The two Musulman masons whom I brought from Kora-Jahanabad to repair one of the broken corners of the temple, declared that the figures had been mutilated by European soldiers. On being closely questioned, however, it appeared that they had only *heard* so. The villagers themselves denied that the mutilations had been done by the soldiers, and said that they were the work of the Muhammadans themselves long ago. I think, however, that much of the injury must have been due to the imperfect burning of the bas-reliefs, which are invariably black, and comparatively soft inside.

Exteriorly the temple is decorated with numerous figures in terra-cotta. In the lower part the figures are of large size,

¹ See Plate XIV for plan and section of this temple.

2 feet 6 inches in height by 2 feet in breadth. These are placed in niches which are separated by bold ornamental pilasters 4 feet 6 inches in height. In the centre of the west face opposite the entrance there is a figure of the Vârâha Avatâra of Vishnu with the boar's head. On the north side there is a figure of Durgâ with four arms, and on the south side a four-armed figure of Ganes. Many of the remaining figures appear to be only various forms of Vishnu and Siâ and their wives, as one of them has eight arms. Judging from the position of the Varâha incarnation at the back of the building, I conclude that the temple must have been dedicated to Vishnu.

As the Bhitargaon Dewal is the only specimen of an ancient brick temple now standing in Northern India, and as this style of building would appear to have prevailed very extensively for several centuries, it may be useful to give a somewhat detailed account of the style of this unique example. I have found moulded and carved bricks of similar designs all over the Panjâb and North-Western Provinces, from Shâhdheri, or Taxila, and Multân on the west, to Srâvasti and Garhwâ on the east. At every old site these carved and moulded bricks are found in abundance, and I have now ascertained that many of the most famous buildings in Northern India at the time of the Muhammadan invasion must have been built entirely of brick, and were decorated with terra-cotta ornaments and alto-relievos. This was certainly the case with the great temple of the Sun at Multân, with the famous shrine of Jagsoma at Thânesar, with the great Buddhist buildings at Sankissa, Kosambi, and Srâvasti, and with all the Brâhmanical temples of the Gupta period at Bilsar, Bhitargaon, Garhwâ, and Bhitari. In the more easterly provinces of Bihâr and Bengal the same causes of the want and costliness of stone gave birth to the great brick temples of Bodh-Gaya and Nâlanda. Even at Mathura and Benares, within a few miles of the sandstone quarries of Rupbâs and Chunâr, moulded and carved bricks are found in great abundance.

The most characteristic feature of the brick temples is the employment of the arch. In the earlier examples of brick-building at Bodh-Gaya and Konch, the front openings are tall and ungainly holes, formed by the gradual overlapping of the bricks. But the constructive weakness and consequent failure of this form of opening must have led very soon to the adoption of the arch in all brick structures. In

the great temple of Bodh-Gaya there are both arches and domes, but, as I have already pointed out, it seems highly probable that both are of later date than the body of the temple. Similarly, at Nâlandâ, in the great temple of Balâditya, where the arches are confined to the *additional* work of the newer basement storey, it is certain that they must be of later date than the main building. But in the Bhitargaon temple both the pointed domes and the semi-circular arches of the passages are parts of the original building. It is true that the date of this building is not absolutely known; but judging from its style it cannot, in my opinion, be placed later than the 7th or 8th century, and is probably even older. Of course this opinion may be contested by those who believe that the Hindus were ignorant of the arch. Formerly I held this belief myself; but since I have become aware that the relic chambers of the Buddhist stûpas at Birdâban¹ and Jamûi were arched over, I have come to the conclusion that the arch was certainly known to the Buddhists of India before the Muhammadan invasion. But the arches of these chambers, as well as those of the Bhitargaon and Bodh-Gaya temples, differ from the Muhammadan arches in their mode of construction, although their principle is precisely the same. In the Hindu arch, as I propose to call it, the voussoirs are invariably placed end to end, instead of face to face, as is done in Europe. This mode of construction, although strong enough for small domes, was a very faulty one for simple arches, as each ring of bricks formed a distinct and separate arch, which had no bond with its neighbours. The outer ring, therefore, was always liable to peel away or fall off from the face of an arch. In the Bodh-Gaya temple an attempt has been made to remedy this defect by placing the bricks in blocks of five alternately face to face and end to end. But this was only a partial remedy, as the same defect still remained, each segment of arch being a distinct and separate arch of five bricks thick, which had no bond with its neighbours.²

In its general outline, and in the arrangement of the bands of ornament and sculpture, the brick temple of Bhitargaon approaches nearer to the brick temple of Bodh-Gaya than to the stone temples of a later age. The lower part up

¹ See Archaeological Survey of India, Vol. III, p. 157, and Plate XLVI, fig. 7, for a section of the relic chamber. At Nongarh arches were actually found in a ruined temple beneath the stûpa.

² See the accompanying Plate XV, in which the round arch of the inner passage and the pointed dome of the porch are both distinct.

to the height of 7 or 8 feet consists of plain bold mouldings, above which there is a series of panels $2\frac{1}{2}$ feet in height, filled with groups in terra-cotta, and divided from each other by pilasters $4\frac{1}{2}$ feet in height. These pilasters support a richly carved cornice which runs continuously all round the building. Many of the figures are boldly designed and well drawn. I noticed particularly some seated figures of men and women in conversation. One woman, who was leaning forward with one leg drawn back, was very skilfully moulded. But generally the action is too violent, and the figures become grotesque. Their execution, however, is still far superior to that of most of the existing stone temples of later period. Resting on the cornice there is a continuous line of small terra-cotta sculptures, each 16 inches long and 9 inches in height, divided from each other by small ornamented balusters. The subjects of these panels are mostly fantastic figures of men and dragons, either alone or in conflict with each other. Some panels contain only flowers and foliage, or single elephants, &c. In the accompanying plate I have given sketches of two of these terra-cotta sculptures, with the deeply cut cornice mouldings which have shielded them from the weather.¹ In the left hand compartment there are two cocks fighting. The figures, which are boldly raised, are of yellowish-red outside, with a fine glossy surface; but inside the clay is black and coarse, and imperfectly burned. The outer surface is about one-sixth of an inch thick. In the right hand compartment there were originally two dragons, but the left animal is now gone, excepting the proboscis, which is wound round the left man's thigh, and a portion of the foliated tail which encircles his body. The second dragon has the same man's left leg in his mouth, while he lifts aloft a woman with his proboscis, and entangles a second man in the coils of his foliated tail. The drawing is spirited, but the action is too violent. The deeply cut upper line of the cornice, with its alternating lines of light and shade, forms a very effective moulding, and is repeated again above the band of figures.

Above the upper cornice there is, first, a line of square beaded panels with hood mouldings containing generally half length figures. Next come two lines of small round beaded panels, also with hood mouldings, containing heads projecting boldly forwards. Then comes another cornice with another line of square beaded panels with hood mouldings: then five

¹ See Plate XVI.

more lines of small panels with heads. As each successive course is retired several inches, the width of the temple gradually decreases towards the top, until in each face of the building there is room for only one niche. Above this point, at a height of 44 feet, the top of the temple is altogether gone. Every year during the rains when the mud plaster is softened by wet, many bricks fall from above, and no one ventures to climb to the top. All the upper niches have been uncovered and are now empty; but the sculpture given in the accompanying plate once occupied one of these upper niches.¹ The subject is Vishnu as Nārāyana reposing on the snake Ananta, while Brahmā is seated on a lotus, the stalk of which issues from Vishnu's navel. The hood moulding has been completed from the broken portions which still remain. The sculpture is 19 inches long by $9\frac{1}{2}$ inches high.

At a distance of 530 feet nearly due south from the Dewal, there is a mound of ruins covered with large bricks and broken figures. According to the people these are the remains of a temple called *Jhijhi Nāg*. I made a complete excavation of this mound, which brought to light numerous carved bricks, which I recognised as belonging to cornices and pilasters similar to those of the Dewal temple. A few of the carved bricks belonged to a narrow line of continuous ornament separated by balusters. One of these is represented in the accompanying plate.² Here the small balusters which divide the panels are separate pieces; while those of the Dewal temple are attached to the panels.

In plan the *Jhijhi* temple was quite different from the Dewal. I found a single room $22\frac{1}{2}$ feet long by $7\frac{1}{2}$ feet broad with walls $4\frac{1}{2}$ feet thick, and a door in one of the long sides facing the east. In the back wall there were four niches. To the east, in front of the door, I found a wall at $8\frac{1}{2}$ feet distant, and a second wall at $6\frac{1}{2}$ feet beyond the first. From the style and patterns of the moulded bricks, this temple was certainly of the same period as the Dewal. Its present name of *Jhijhi Nāg* I take to have been given, as I have before stated, by the people from one of the broken statues having an undulated snake behind his back. I found also four large stone statues, each about 4 feet high, of which three were male and one female. I presume that they once occupied the four niches of the ruined temple.

¹ See Plate XVII.

² See Plate XVII, fig. 2. The similar carved brick, fig. 1, to the right is from the great monastery of Pakna Bihar, near Sankisa.

It seems strange how the Bhitargaon temple with its numerous terra-cotta sculptures could have escaped the iconoclastic fury of the Muhammadan conquerors. Perhaps its escape may be solely due to its lucky position. During the great idol-breaking period, when Cawnpore was unknown, and Lucknow was a mere country town, the main lines of road passed by Bhitargaon on all sides at many miles distance. The high-road from Allahâbâd leading up the Doab divides into two at Fatehpur, the one going to Kanauj and the other to Etâwa, leaving Bhitargaon in the broad space between them. Similarly the two roads from Kanauj *via* Kâlpi, and from Oudh *via* Dalmau and Chilla Târa Ghat, to Mahoba and the south, passed many miles to the west and east of the lucky village. Embosomed amid thick groves of trees, and protected by the windings of the Arind river, the temple is so completely hidden, that I failed to descry it even at my second visit until I was within one mile of the village. I suppose also that the temple was a private one of no special fame, and that not being a place of pilgrimage its name was unknown, except amongst the surrounding villages. Had it been a place of pilgrimage, like Thânesar or Mathura, it would not have escaped the avarice of Mâhmûd, or the bigotry of Sikandar Lodi.

VIII.—PARAOLI.

The people of Bhitargaon say that there was once a brick temple at every *kos* along the bank of the Arind river. There certainly is one at Paraoli, rather more than one *kos* distant to the north, and there is a second at Simbhua, some three *kos* to the west, and two more at Râr, about five *kos* to the south, but there are only two of them on the Arind, the two temples of Râr being far away from the river.

The pretty little temple of Paraoli is unfortunately imperfect, about one-half of it having fallen down. But the standing half is in very good preservation, and is remarkable for the uniform bright red colour of its bricks. In plan, it is a polygon of sixteen sides externally standing on a circular plinth, with a circular chamber 6 feet 8 inches in diameter, and no portico. The walls are 3 feet 4 inches thick. The temple is therefore only 13 feet 4 inches in diameter, each of the 16 sides being 2 feet 5 inches. The chamber was covered with a pointed dome, built with bricks end to end after the Hindu fashion, and there was a second domed chamber above to lessen the weight on the walls. The door

was on the west side, and on each of the other three sides there was a small niche only $11\frac{1}{2}$ inches high and $6\frac{1}{2}$ inches broad. All these niches must once have held figures, but no one had seen them or even heard of them. Inside, in the centre of the circle, there is a *lingām*. Outside, the whole surface of the walls is richly decorated with deeply cut arabesque ornament in perpendicular lines, the edges of each face being distinctly marked by sunken lines by the omission of a brick in every alternate course. The effect is decidedly good, as the different faces are all clearly defined.

The Simbhua temple is so thickly covered with plaster, that it no longer commands any interest. The inner chamber is only 8 feet 3 inches square.

IX.—RÂR.

Of the two small temples at Râr, one is built on the same plan as the Bhitargaon Dewal, and the other on the plan of the Jhijhi Nâg temple. The former has no name, and its exterior dimensions are only 10 feet 3 inches by 9 feet 6 inches, with a portico projecting 3 feet on the north side. The chamber is only $4\frac{1}{2}$ feet by 4 feet.

The larger temple is dedicated to *Chandika Devi*. Its entrance is on the west, through a passage 8 feet long by $2\frac{1}{2}$ feet wide, which leads into a chamber $10\frac{1}{2}$ feet long by 6 feet broad, with the longer side facing the door. Externally it is $18\frac{1}{2}$ feet long by $12\frac{1}{2}$ feet broad, or with the portico 17 feet. Outside, this temple is decorated in the same style as that of Paraoli, the same flowered ornament being repeated from top to bottom. Here also nothing is known about the builders of the temples.

X.—NEWAL, OR NAVADEVAKULA.

On leaving Kanauj, the Chinese pilgrim Hwen Thsang travelled for 100 *li*, or about 17 miles, to the south-east to *Na-po-ti-po-kiu-lo*, or *Navadevakula*, which he places on the eastern bank of the Ganges, or on the opposite side of the river to Kanauj.¹ The earlier pilgrim, Fa Hian, made the same journey, but he makes the distance and bearing 3 *yojans*, or 21 miles, to the south. This bearing, however, is certainly wrong, as he distinctly states that he crossed the *Ganges*.²

¹ Julien's Hwen Thsang, II, 265.

² Beal's Fa Hian, Chap. XVIII, p. 71.

I formerly looked for this place along the present course of the river, but I was not satisfied with any of the proposed identifications between Kanauj and Prayâg, or Allahabad. I therefore examined, very carefully, all the large maps of the Revenue Survey of Oudh, in which I found two places named Bihar, besides some very strongly marked traces of an old bed of the Ganges beginning in the neighbourhood of Nânamau Ghat, a little below Kanauj, and running the whole way down to Allahabad at some distance from the present course of the river. In a few places the two channels are as much as 20 miles apart, as between Dhondia Khera and Pâtan Bihar, but the general breadth of the intervening tract is not more than 8 or 10 miles. In the upper part between Nânamau and Bângar-mau, the whole breadth of 6 or 7 miles between the present course of the Ganges and the old bed, now called the Kalyâni Nadi, is *Khâdar*, or low-lying alluvial land, showing the extreme limits of the Ganges channel at different periods.

I had formerly supposed that all traces of *Navadevakula* must have been swept away by these changes of the Ganges; but on carefully reading all Hwen Thsang's statements over again, it struck me that by assuming that the Ganges had flowed down this old channel in his time, it might perhaps be possible to identify several of the places described by him between Kanauj and Allahabad which have hitherto baffled us. I determined therefore to explore the line of the Ganges between these places, and the result of my explorations, made early in 1878, will be found in the following pages.

The position of Bângar-mau, on the high bank of the old course of the Ganges, and just 20 miles to the south-west of Kanauj, struck me as a very likely representative of the old city of *Navadevakula*. On visiting the place I was much pleased to find my conjecture verified in the ruined mounds of *Newal*, just 2 miles to the north of Bângar-mau. According to the legends of the people, *Newal* was a large and flourishing city, under a râja named *Nala*, when the Mussalmans first invaded the country. Sayid Ala-uddin bin Ghanaun came from Kanauj to *Newal*, and wished to settle at Bângar-mau; but the râja ordered him to go away, and sent his servants to drive him out. On this the saint cursed him, when the city was immediately turned upside down, leaving only the mounds which are seen at the present day. So firmly do the people believe this story, that they affirm that all relics of the old city, no matter of what kind, are always

found upside down. Hence the old site is generally known as *Aundhā Khera*, or "Topsy-turvy town." The saint then took up his residence at Bāngar-mau, and died there in A.H. 702, or A.D. 1302, as stated on his tomb. The date is recorded at the end of a long line of inscription over the entrance door of the tomb inside the verandah. He is better known as the *Jati*, or "celibate," because he remained unmarried. Some people say that the saint founded Bāngar-mau, but all agree in referring the name of the place to a *dhobi*, or washerman, named *Bāngar*, who is said to be buried in the tomb in front of the saint's own shrine. This second tomb has three inscriptions: two inside and one outside. One of the inside records is dated in A.H. 782, and the other in A.H. 784 [*hafṣad o hashtād o chahāram*], which is also the date of the inscription outside. In the last record I was able to read the following words:—

ba ahad Daolat Shah Muâzam Shah-in-shah.
* * * Firoz Shâh Barbak, &c.

which agree with the date in assigning the tombs to the reign of Firoz Tughlak.

The court-yard of the saint's tomb is paved with large bricks, 15 by 10 inches, stamped with four finger-marks, and the verandah contains twelve Hindu pillars. In the tomb in front there are eight more Hindu pillars, and lying round about there are many blocks of kankar, of red sandstone from Sikri, and of a dirty yellow stone. There are also several capitals of pillars in red sandstone. The tombs are on a high mound, which was no doubt the site of some old Hindu building.

The mounds of Newal are situated about 2 miles to the north of Bāngar-mau, on the bank of the Pachnai Nala, and on the high bank of the old course of the Ganges, which is now called the Kalyâni Nadi. The Kalyani however no longer flows under Newal, its present course being 3 miles to the south; but the whole of the intervening space is low-lying *khadar* land, the alluvion of the old Ganges. The village itself stands on a mound, and is undoubtedly an old place. It is just 19 miles from Kanauj, and therefore suits exactly the mean between the 21 miles of Fa Hian and the 17 miles of Hwen Thsang. I believe also that the name of *Newal* is only an abbreviated form of *Navadevakula*, as it retains the first and last syllables unchanged. Hwen Thsang derives it from the conversion of five hundred demons,

who, after having heard the *dharma* explained by Buddha, changed their nature and were re-born amongst the gods. Hence the name of *Navadevakula*, or "new god race."

The ancient remains at Newal consist of the following mounds, with traces of walls, carved bricks, broken statues, and terra-cottas, including also coins and beads.

Deora-dih is a high mound immediately to the west of the village; out of which the people were digging large bricks, 15 by 9 and 14 by 9 inches, at the time of my visit. I traced two lines of wall at right angles. Close by under some bushes there was a heap of fragments of carved bricks and terra-cotta figures.

Sitalah-dih is a small mound to the north-west of the last. Under it I found another collection of fragments of stone and brick. Amongst the former there was a four-armed figure of Vishnu standing, and several heads of Buddha.

Dáno-thero is a large and lofty mound 3,500 feet west-north-west of the village. This is still occupied by a Brahmanical temple, and there are several Brahmanical figures collected outside. Close by to the eastward there is another large mound, but of little height, on which there are also traces of buildings, but no figures.

Mahádeva and *Phulwári* are two sites of Brahmanical temples, at which several figures in stone and terra-cotta are collected. They are both to the north of the village.

To the east of the last and to the north-east of the village on the bank of the Pachnai Nala, there are two other mounds covered with broken bricks. They have no names, and there are no figures or other signs of antiquity about them.

In comparing Hwen Thsang's account of the buildings at Navadevakula with the remains now existing at Newal and Bangar-mau, it is necessary to remember that although the extreme points of the two places are about 2 miles apart, yet the distance between the village of Newal and the high mounds of Bangar-mau is only 1 mile. I have no doubt therefore that the old buildings, which once stood on the mounds of Bangar-mau, must have belonged to the larger town of *Navadevakula*, or Newal, which Hwen Thsang describes as being 20 *li*, or upwards of 3 miles in circuit. The following is a list of buildings seen by Hwen Thsang, whose detailed account is corroborated by the meagre account of Fa Hian, who simply says that "Here also Buddha preached the law," and that stúpas had been erected in this spot, and

also where he sat down and walked for exercise.¹ I have attached a letter of the alphabet to each of Hwen Thsang's notices.²

A. To the north-west of the town, and to the east of the Ganges, there was a temple of the gods (*devâlaya*), of which the pavilions and towers of several storeys were as remarkable for their beautiful workmanship as for their wonderful design.

B. At 5 *li*, or nearly 1 mile, to the east of the town, there were three monasteries, of which the walls were all alike, but the gates different.

C. At about 200 paces beyond the monasteries there was a stûpa of Asoka, about 100 feet in height, built on the spot where Buddha had explained the law for seven days. It contained relics (*Sarira*).

D. Close by, in different places, were the thrones of the last four Buddhas, and the spots where they used to walk for exercise.

E. At 3 or 4 *li* (upwards of half a mile) to the north of the three monasteries, and on the bank of the Ganges, there was a stûpa about 200 feet in height built by Asoka. This was the spot where Buddha had explained the law to 500 demons, who after conversion gave up their demon existence and became a "new race of gods" (*Nava-deva-kula*).

F. Beside this stûpa also, there were thrones of the last four Buddhas, and places where they had walked for exercise.

G. A little further there is a stûpa containing the hair and nail-parings of Buddha.

Taking the present village of Newal as representing the position of the ancient town, it is clear that the great Brahmanical temple, *A*, must have been at *Dâno-thero*, at some distance to the north-west of the town. It stands on the high bank of the old course of the Ganges in a very commanding position.

For the other buildings, which are all Buddhist, we must look in the direction of Bângar-mau. The first place is 5 *li* to the east, where stood the three monasteries of the same external appearance, marked *B*. For east, I would propose to read south-east, which is very nearly the direction of Bângar-mau. These monasteries, and the stûpa of Asoka, *C*, which

¹ Beal's *Fa Hian*, Chap. XVIII, p. 71.

² Julien's *Hwen Thsang*, II, 266.

was 100 feet in height, I would place in the old fort; and the other great stūpa of 200 feet, marked E, I would place on the site of the Sayid's tomb. I have already noticed that the court-yard of the tomb is paved with large Hindu bricks.

The third stūpa, F, which contained the hair and nail-parings of Buddha, I would locate on the site of the second tomb, which is ascribed to the *dhobi* named Bāngar. I am induced to do this for the following reason:—In Csoma de Körösi's Analysis of the Tibetan Books, there is an account of a Sakya named Shampaka, who being banished from Kapila retired to *Bāgud*, carrying with him some of Buddha's hair and nail-parings, over which he built a *Chaitya*. He was made king of *Bāgud*, and the monument was named after himself.¹ The name of *Bāgud* is a very uncommon one, and it seems to me quite possible that it may be the same place as *Bāngar*. Both stūpas contained the hair and nail-parings of Buddha, and as the two names are absolutely the same, I can see no possible objection to the identification.

In the accompanying plate I have given several specimens of the terra-cotta figures and carved bricks which I found at Newal. As all of these that can be recognised belong to the Brahmanical worship, I have no doubt that most of them were brought from the ruins of the great Brahmanical temple of *Dāno-thero*, whose beautiful workmanship excited the admiration of Hwen Thsang. I have added a single terra-cotta from Mathura (No. 1), for comparison with one of these Newal specimens.²

No. 1 is a boldly-carved specimen from Mathura. I found it placed upside down in the pavement of the ruined Jain temple, now called *Kankāli-tīla*, or the "Kankāli mound." The design is very spirited. I cannot even guess as to what animal the head may belong to. There are no legs, but only very deeply-cut floriated limbs and tail. From the small flowered baluster on the left, I recognise this sculpture as one of the panels of a continuous band of ornament that once adorned some building at Mathura. It is 14 inches long by 8 inches high.

No. 2, from Newal, is 14 inches long by $7\frac{1}{2}$ inches high, and from the flowered baluster on the left I conclude that it once formed part of a continuous band of ornament on the Newal temple like the larger specimens which I have given

¹ *Asiatic Researches of Bengal*, XX, p. 88. ² See Plate XVIII.

from the great brick temple at Bhitargoan.¹ The subject is the head and trunk of a man with floriated limbs and tail, instead of arms and legs.

No. 3 is unfortunately imperfect, but enough remains to show that the subject was a cart drawn by bullocks, with a man seated above. As the height of the fragment is exactly the same as that of No. 2, or $7\frac{1}{2}$ inches, I think that the original was most probably a second panel of the same continuous band of ornament. If so, it would have been 14 inches in length, or considerably more than twice the length of the present fragment.

No. 4 is the head of a male figure $4\frac{1}{2}$ inches in height, or about half the size of life. Its discovery is important, as it shows that there must have been sculptures in terra-cotta, attached to the Newal temple, from $2\frac{1}{2}$ to 3 feet in height. The pouting lower lip is precisely the same as that of several large stone heads which I found in the ruins of the great temple at Kho, near Uchahara. If I am right in supposing that these figures may have belonged to the great Brahmanical temple which was seen by Hwen Thsang in 636 A.D., then the date of the temple cannot be placed later than A.D. 600.

Fig. 5 is the upper member of the capital of a corner pilaster. It is 10 inches square, and deeply carved on two faces.

Fig. 6 is the lower member of the capital of a corner pilaster. It is circular, with a diameter of 8 inches, and may once have been placed under No. 5.

No. 7 is the capital of a common pilaster with only one face. It is $11\frac{1}{2}$ inches broad and 3 inches thick.

XI.—SANCHANKOT.

The great mound of Sanchankot (or Sujankot) stands on the right or south bank of the Sai river, about half-way between Bângar-mau and Sandila. The river makes a bend and washes two faces of the mound, which is generally known as *Kilah*, or "the fort." This was always a favourite position with the Hindus, and as the place is on the high-road between Kanauj and Ajudhya, I have no doubt that it was occupied at a very early date. The fort is nearly half a mile square, with two suburbs outside: one to the north-west, which is deserted, and the other to the south-east, on

¹ See Plates XVI and XVII.

which stands the present village. To the south of the village, and close to the high-road leading to Sandila, there is another mound with a large round pit in the middle, from which bricks of a stûpa have been dug out by the villagers. The stûpa was only $18\frac{1}{2}$ feet in diameter, but it stood on a lofty terrace, 60 feet square and 15 feet above the fields, with a wall 6 feet thick all round. It was built entirely of very large wedge-shaped bricks, which must have been made for the purpose, as they are slightly curved outside. I saw many broken pieces lying about; but on enquiry amongst the villagers, I obtained six perfect specimens, which measured $18\frac{1}{4}$ inches in length on the outer face, and $17\frac{1}{2}$ inches on the inner face, with a breadth of $11\frac{1}{2}$ inches, and a thickness of $\frac{3}{4}$ inches. I found that six bricks laid together touching each other formed exactly one-sixth of the circumference, or 9 feet $1\frac{1}{2}$ inch. As this was also the radius of the circle, the diameter of the stûpa must have been 18 feet 3 inches. The bricks were all excavated some years ago by the zamindar of the village, who found "a round pot containing bones, and nothing else." This was his account; but I ascertained from the *Kanjars* who were actually employed in digging out the stûpa, eight or ten years ago, that there were five relic boxes inside the pot, four of which were of black stone, and one of white stone (most probably they were all of steatite, or soap-stone). In the black caskets there were some rotten pearls, and in the white casket there was a large piece of pale-amethyst-coloured quartz. This I have got. It is 1 inch long and $\frac{3}{4}$ ths of an inch thick with a hole through the middle.

Out of 52 coins which I procured at Sanchânkot, there were no less than 45 old Indian, 2 Indo-Scythian of Huvishka, and only 5 Musalman. The Hindu coins were of the oldest known kinds, both punch-marked and cast. It is certain, therefore, that the site was occupied as early as 500 B.C., and perhaps much earlier.

I obtained also a few specimens of terra-cotta figures, of which one is Vishnu sitting on Garud; a second, 5 inches in height, presents a female dressed in a double petticoat, and wearing a very peculiar head-dress, in shape like a bason.

XII.—PATAN-BIHAR.

Forty miles nearly due south from Lucknow and 32 miles to the south-east of Cawnpore, there is an old de-

cayed town named Bihâr, which, to distinguish it from other places of the same name, is usually called Pâtan-Bihâr, by joining to it the name of Pâtan, a small town in the neighbourhood. The present town of Bihâr is not more than 200 or 300 years old ; but the site of the large ruined fort to the south is said to be very ancient. It is rather more than a quarter of a mile long from north to south, by 1,000 feet in breadth at the northern end, and 750 feet at the southern end. The whole is built of mud, with round towers and a broad deep ditch, which widens into a large sheet of water on the north side. In the middle of the fort there is a square mound of brick ruins, of which the walls have been dug out. The remains of rooms are still marked by the straight lines of excavation. There are fragments of very large thick bricks of the olden time, mixed with the thin bricks of a later date. But the old bricks are said to have been nearly all carried away to build the houses of the present town. I found the large bricks in the foundations of a Muhammadan tomb and *idgah* close to the fort.

I visited this place because from its position it seemed probable that it might be the old town named *O-yu-to* by Hwen Thsang. On leaving *Nava-deva-kula*, or Newal, the pilgrim travelled 600 *li*, or 100 miles, to the south-east, and crossing the Ganges to the south reached *Oyuto*. If the Ganges then held its present course, the place must be looked for somewhere to the north-west of Fatehpur, or about opposite to Dondia Khera. The old town of Gunir, with its mounds and ruins, exactly answers this position. Or better still perhaps is the old town of *Kutia*, commonly called *Kutia Khâs*, which is about 6 or 7 miles to the east south-east of Gunir, and which seems also to answer fairly well to the Chinese form of the name, *Oyuto*. From this place Hwen Thsang descended the Ganges in a boat with 80 other passengers, for about 100 *li*, or 17 miles, in an easterly direction, which corresponds with the easterly reach of the Ganges between *Kutia* and Dâlmau.¹ Here both banks of the river were thickly clothed with Asoka trees, beneath which a dozen piratical boats were concealed on each shore. Suddenly these boats dashed out into the middle of the stream, and seized the pilgrims' boat. Many of the passengers from sheer fright jumped into the river ; the rest were taken ashore and deprived of their property. These pirates, or river *dakoits*,

¹ Julien's Hwen Thsang, I, p. 116.

are described as worshippers of the goddess *To-kia*, or Durgâ, to whom they offered a human sacrifice annually in the autumn season. After examining all the passengers, they selected the Chinese pilgrim as the most worthy offering for their goddess. "We have already," they said, "passed the proper time for offering a sacrifice to our goddess for "want of a fit subject; but now we have a monk possessing both tall stature and good looks."

The pilgrim then relates at some length how he fell into a trance and saw the reverend Maitreya (Bodhisatwa) seated on a throne and surrounded by Devas. Suddenly there came a furious storm, which rent the trees, raised whirlwinds of sand, and huge waves which engulfed all the boats in the river. The pirates, struck with fear, released the pilgrim, and prostrated themselves before him, saying—

"in our blindness and ignorance we have committed great crimes. We have now found a holy man whose virtues have caused the heavenly spirits to interpose in his behalf. From this day we swear to renounce our infamous trade, and we wish that the Master should witness our conversion."

Then the pirates collected their arms and threw them into the river, and to every passenger they restored his clothes. Suddenly the winds and waves became calm, and the storm ceased; and the *dakoits* filled with joy saluted the Master of the Law, and went their way.

But if the Ganges in the time of Hwen Thsang flowed in the old channel, which I have already described in my account of Newal, then the site of *Oyuto* must be looked for somewhere to the south of the old bed, and not far from Dondia-Khera. The old town of Patân-Bihâr exactly fulfils these conditions. It stands a short distance to the south of the old Ganges, and 16 miles to the north-east of Dondia Khera. Its distance from Newal is however not much more than 75 miles, which is considerably short of the pilgrim's 100 miles; but the windings of the old bed of the Ganges would certainly have prevented a direct route, so that the actual road distance may have been nearly 90 miles. With *Kutia* this difficulty is lessened, as it lies about 80 miles direct from Newal, and about 96 or 100 miles by the road. In favour of Bihâr there is its eminently Buddhist name, and the remains of a square building in the middle of the fort which answers to the monastery of Vasubandhu inside the town. In favour of *Kutia* there is the near accordance of name and distance, and the fact that it is close to the south bank of the actual

Ganges. The relative position of Gunir, at 6 or 7 miles to the north-west, corresponds with the site of the stūpa and monastery of Vasubandhu, which the pilgrim places at 40 li, or nearly 7 miles, to the north-west of *Oyuto*.

XIII.—BAKSAR GHAT.

On leaving Pātan-Bihār, I visited *Dondia Khera* and *Baksar Ghāt*, both on the Ganges.

Dondia Khera is a dilapidated fort of the Bais Rajputs, perched on a bold projecting point of the river bank. The mound is about 50 feet high at its highest point. There are seven temples, but they are comparatively modern. There are also several brick buildings, but all in a dilapidated state, although none of them appear to be old. The bricks are all small, the sculptures are all modern, and there is nothing now to be seen, save the lofty mound, that would suggest an antiquity of more than a few centuries.

At *Baksar Ghāt* is the ferry over the Ganges between *Dondia Khera* and *Gunir*. *Baksar* itself is a very holy place which received its name from a demon named Bakasa or Vakasa, who was killed by Krishna. He is also said to have founded the temple of *Nageswar-Nāth* in honour of Siva. Several fairs are held at *Baksar* during the year; but there are two that are more important than the rest, as they are attended by many thousands of people for the sake of bathing in the Ganges at the two auspicious moments of the full and new moon. The former is held on the *Purnamāsi*, or full moon, of Kārtik, and the latter on the *Amāvasya*, or new moon, of Māgh. I was a witness of the latter celebration, when many thousands of people assembled to bathe in the holy waters of the Ganges at the fortunate moment of conjunction of the sun and moon (*amāvasya*). All day long on the 1st February 1878, women and children from all parts of Oudh were passing my tent at *Dondia Khera* on their way to *Baksar Ghat*, to be ready to bathe early the next morning. The men remained behind to work during the day, but started early in the evening to journey all night towards the holy ghat. On the morning of the 2nd I passed many thousands of men, women, and children on my way to *Baksar*. The women had already begun to bathe at 7 o'clock in the morning; and as I crossed over the Ganges in a boat, the view of the village, perched on a lofty mound, with the whole of the sloping bank covered with thousands of people down to the water's edge, was very picturesque. On

landing I met hundreds of people hastening from Gunir and other places in the Doab to cross over to the bathing place.

But Baksar Ghat has an interest for Englishmen of a very different kind. It was here that a small party of Englishmen escaping from Cawnpore in a single boat were obliged to land owing to the boat grounding. The Nain's horsemen kept pace with the boat, and, on arrival at Baksar, they were joined by a large number of the followers of Babu Ram Baksh, headed by the Babu's brother. The Babu was the chief landlord of Dondia Khera. After some firing, in which the Babu's brother was shot through the head, and some ten or twelve of his followers killed, the party of Englishmen took refuge in a temple, from which they were smoked out. Four who could swim jumped into the river and escaped to a place 3 *kos*, or 6 miles, lower down, where they were taken by some followers of Dig-Bijay Singh, the Bais Chief of Murârmau. He at once released them, and treated them kindly. The people say that the party of Englishmen was eleven in number when they landed, and "everybody knows that five were killed at Baksar Ghat." But as five killed *plus* four escaped make only nine, there are two of the party not accounted for in this native story. The Babu of Dondia Khera afterwards fled to Benares, where he was captured in disguise. He was taken back to Baksar Ghat and hanged on a tree close to the temple, after which the temple itself was blown up with gunpowder, so that only a few bricks now remain to mark the spot where the last act of the Cawnpore tragedy took place.

Such is the account which I received from natives on the spot, and which I wrote down at the time. It is interesting to compare this account with that of Major Delafosse, one of the four survivors. The native account is undoubtedly correct, its chief points of variance being in the numbers. The following is Major Delafosse's statement :—

"We got down to the river and into the boats without being molested in the least; but no sooner were we in the boats and had laid down our muskets, and had taken off our coats, to work easier at the boats, than the cavalry (our escort) gave the order to fire. Two guns that had been hidden were run out and opened upon us immediately, while sepoys came from all directions and kept up a brisk fire.

"The men jumped out of the boats, and instead of trying to get the boats loose from their moorings; swam to the first boat they saw loose. Only three boats got safe over to the opposite side of the river, but they were met there by two field pieces, guarded by a number of cavalry and infantry. Before these boats had got a mile

down the stream, half our party were either killed or wounded, and two of our boats had been swamped. We had now only one boat crowded with wounded, and having on board more than she could carry. The two guns followed us the whole day, the infantry firing on us the whole of that night.

"On the second day a gun was seen on the Cawnpore side, and opened on us at Najafgarh, the infantry still following us on both sides. On the morning of the third day the boat was no longer serviceable. We were aground on a sand-bank, and had not strength sufficient to move her. Directly many of us got into the water, we were fired upon by thirty or forty men at a time. There was nothing left but to charge and drive them away, so fourteen of us were told to go and do what we could. Directly we got on shore the insurgents retired; but having followed them up too far, we were cut off from the river, and had to retire ourselves, as we were being surrounded. We could not make for the river, but had to go down parallel, and came at the river again a mile lower down, where we saw a large force of men right in front waiting for us, and another lot on the other bank, should we attempt to cross the river. On the bank of the river, just by the force in front, was a temple. We fired a volley and made for the temple, in which we took shelter, one man being killed and one wounded. From the door of the temple we fired on every insurgent who showed himself. Finding they could do nothing against us while we remained inside, they heaped wood all around and set it on fire.

"When we could no longer remain inside, on account of the smoke and heat, we threw off the clothes we had, and each taking a musket, charged through the fire. Seven of us, out of twelve, got into the water; but before we had gone far, two poor fellows were shot. There were only five left now, and we had to swim, while the insurgents followed us along both banks wading, and firing as fast as they could. After we had gone about 3 miles down the stream, one of our party, an artillery man, to rest himself began swimming on his back, and not knowing in what direction he was swimming, got on shore, and was killed. When we had gone about 6 miles, firing on both sides ceased; and soon after we were hailed by some natives on the Oudh side, who asked us to come on shore, and said that they would take us to their rāja, who was friendly to the English. We gave ourselves up, and were taken 6 miles inland to the rāja, who treated us very kindly, giving us clothes and food.

"We stayed with him for about a month, as he would not let us leave, saying the roads were unsafe. At last he sent us off on the 29th of July, to the right bank of the river, to a zemindar of a village, who got us a hackery."¹

XIV.—DALMAU.

The old fort of Dālmau is situated on a bluff point, about 100 feet high, overhanging the Ganges. Inside there is a

¹ Oudh Gazetteer, vol. I, pp. 207-208.

ruined masjid of Shâh Jahan's time, and a bâradari, or summer-house, from which a bucket can be lowered down to the Ganges. The outer wall has lately fallen into the river. There are some old carved stones, pieces of pillars, and architraves in the masjid and also in the gateway of the fort. Some of them, from their beehive-shaped bosses, are probably as old as the time of the Guptas. There are also fragments of pillars and sculptures in many places under trees. At Makanpur, 1 mile to the south-east, there is a tomb called *Sharki Shah*. It is raised on a terrace like those at Jaunpur, and is probably the tomb of *Muhammad Shâh Sharki*, who was killed near this place in A.H. 863, or A.D. 1459.

On an isolated mound named *Dachen*, a short distance to the north-west of the town, there are the remains of a tomb built entirely of Hindu materials. There are eight round pillars, each in two or three pieces, with most of the ornaments cut off. The place is said to have belonged to the two famous, and rather ubiquitous, heroes Alha and Udal.

The legend of Dâlmau refers the foundation of the fort to Râja Dâl. There were two brothers, Dâl and Bâl, Ahirs, who were in the habit of drinking too much wine, more especially in the month of Phâlgun. One of the *Sharki* kings of Jaunpur, said by some to be *Muhammad Shâh*, accordingly attacked the fort in that month, when the two brothers were drunk, and killed both of them. Then the wives of Dâl and Bâl prayed that the fort might be turned upside down. At once the fort was overturned, and the two women then killed the *Sharki* king, whose tomb is at Makanpur. In the month of Bhâdon an annual fair is held at Pakhraoli, 3 miles to the south-east, near a large *jhil*, when Dâl and Bâl are both worshipped.

There is another version of this legend which makes Dâl a *Bhar* chief, and refers the capture of the fort to Ibrahim *Sharki*; but it is the *Ahirs* who are said to make offerings of milk at the tomb of Dâl in the month Srâvan. The *Bharonia* division of the *Ahirs* also refer the custom of their women not wearing nose-rings and glass bracelets to the commemoration of this invasion of their country. From this it would appear that the *Bhars* were only a sub-division of the great tribe of *Ahirs*.

In both of these versions of the legend Dâl is made a contemporary of the *Sharki* kings, but we know from the *Muhammadan* histories that the place had borne the name of Dâlmau certainly many years earlier, as it is mentioned in the

times of Firoz Tughlak, and was most probably in existence as early as the time of Mâhmad of Ghazni, as the tombs of several *Shahids*, or martyrs, are pointed out, who were the companions of Sayid Sâlâr.

But the fame of these Muhammadan brothers has been comparatively eclipsed in later times by that of the Hindu Bairâgi, Bâba Lâlan Dâs, who lived in the *mahalla*, or ward, of Sanjatpur. He was esteemed so holy that many Muhammadans used to visit him, and it is said that even the Nawâb of Lucknow, when he was at Dâlmau, went to have an interview with the Hindu saint. As he approached and saw the saint lying on a bed, he thought to himself, "Is this the Sânt ('the calm or tranquil,' that is, the saint), who is lying there like a dog?" As he drew nearer, the Bâba addressed him in these words:

*Surat janjir gare men pari tehi lág mazbutâ hun ;
Juthan khât aghât pet bhar parc palung par sutâ hun ;
Hâzar rahûn hâzur rendin Har Lâlan Dâs ka kuta-hun.*

These verses are almost literally rendered in the following lines :—

" The chain of God around my neck
Doth me securely keep,
I eat the crumbs of charity,
And on a bed I sleep ;
Thus in His presence night and day,
I am the Almighty's dog alway."

The Nawâb then asked for some verse that should be favourable to him ; when the Bâba replied, using a coarse expression referring to women, "as you always stay in your palace, dancing and singing like women, so will your throne ever be as weak as a woman."

The following popular rhyme is worth mentioning, as it shows the greater extent and consequent prosperity of Dâlmau in earlier times :—

" *Utr-disam Makhdum Jahâniyam, purbe kot khalâsi hai,*
- *Mandhpurâ, Miyanka-toldâ, Chauhatta, avinâsi hai,*
Bahut dina chaurâsi bhramen Sanjâtpur Kâsi hai."

Makhdum Jahâniya's in the north,
Kot Khlâsi in the east,
Mandhpura, Miyân-ka-tola, and
Chauhatta still exist.
Go where you will, Sanjâtpur still,
Like Kâsi, is the best.

XV.—SINGROR.

The old tomb of *Singror*, or *Sringi-vira-pura*, stands on a bluff headland on the north bank of the Ganges, 22 miles to the north-west of Allahabad. Its name is said to be derived from *Sringi-vira Rishi*, whose shrine stands on an isolated mound on the extreme west point of the position. It is called the *sthán* of Sringhi Rishi, but it is a comparatively modern vaulted room of brick, before which a few fragments of sculpture are collected. Inside there is a group of Hara-Gauri and a small figure of the Sun in a four-wheeled chariot drawn by seven horses. Only the northern or inland position of the mound is now occupied by houses. On the highest point, which is about 50 feet, there is a *Chabutra*, or terrace, overlooking the bed of the Ganges; and, on another high point to the north-west of the last, there is a masjid, with the small tomb of Muhammad Madâri inside its courtyard. Here there are two Hindu pillars. The whole mound is a mass of bricks, chiefly of large size, 16 to 18 inches long by 11 inches broad. Singror is said to have been a very large place in former days, but the Ganges first undermined its southern face, and swept away a large portion of the town, leaving a precipitous cliff some 90 feet in height. Since then the river has deserted the place, and only a small branch now passes under Singror, in the wide channel where the whole stream of the Ganges once swept along.

Singror is famous as the scene of the last act in the great rebellion of Khân Zamân and his brother Bahâdur against Akbar. His original name was Ali Kuli Khan, and he received the title of Khân Zamân from Akbar in reward for defeating the gallant Hindu General Himu on the field of Pânipat. After several unsuccessful acts of rebellion and repeated pardons, he at last joined the standard of Mirza Muhammad Hâkim, Akbar's rebellious brother, and read the Khutbah in his name at Jaunpur. Akbar's patience was now exhausted, and he resolved to pardon no more. On his arrival at Sakit, near Agra, "Akbar heard that Khân Zamân had fled from Shergarh (near Kanauj) to Mânikpur, to join his brother Bâhâdur; and marching thence down the Ganges had bridged the river near the frontier of *Singror*."¹ The position of this bridge must have been immediately opposite

¹ Blochmann's *Ain-i-Akbari*, p. 320. Sir H. M. Elliot's *Muhammadan Historians of India*, edited by Dowson, Chap. V, p. 320. From the *Tabakât-i-Akbari*.

Ujjaini, 4 miles to the south of Singror, which is the only good ghât in this neighbourhood, even at the present day. On reaching Râi Bareli, Akbar marched direct to Mânikpur, and with upwards of one thousand men crossed the Ganges to the right bank, where he passed the night near Khân Zamân's camp. Early next morning with some reinforcements he attacked Khân Zamân. "Bâhâdur was captured, and brought to Akbar, and he had scarcely been despatched when Khân Zâmân's head was brought in. The fight is said to have taken place at Mankarwâl (or Sakrâwal), which place has since been called Fathpur." This is probably the present village of Fatehpur, 7 miles to the south-east of Karâ.

At Singror I obtained a considerable number of coins, amongst which I recognised 21 old Hindu coins; only one Indo-Scythian of Huvishka, and 106 Muhammadan. The Hindu coins comprised all the oldest types, with the exception of the punch-marked pieces. The money of the earlier Musalmân kings was especially plentiful.

Half a mile to the north of the town there is a large mound 18 feet high called Surya Bhita, or "mound of the Sun." It is 50 feet broad at top, and 150 feet at base, and is thickly strewn with broken bricks. I suppose it may have been the site of a temple to the Sun.

XVI.—TUSARAN-BIHÂR.

The old town of Bihar in the district of Bela, or Partâbgarh, was one of the most important places in Oudh. Under the early Muhammadan kings it was the head-quarters of a large district,¹ and even now it is known by the name of Suba-Bihâr. The town is situated on the northern bank of an old bed of the Ganges, down which the flood waters of the river still find their way in the rains. It stands on a mound rising to 20 feet in its highest parts. There is a little fort at the south-west angle, near which is a small brick temple containing a very curious group of figures, which apparently belongs to the period of Indo-Scythian rule. To the south-east of the town, and on the northern bank of the old river bed, there is a very extensive mound of brick ruins about half a mile in length, with a detached mound at the east end called *Tusâran*, and sometimes *Susâran*. In the large

¹ Sir H. M. Elliot's Muhammadan Historians, by Dowson, IV, 29. The names of places in Oudh mentioned in succession are Oudh, Shadidah (or Sândila), Dâlmau, Bahrâich, Bihâr. These were seized by Khwaja Jâhâr in A.H. 796, or A.D. 1394.

revenue maps the name is spelt *Tusāwan*; but this certainly is a mistake. Nothing is known as to the origin of the name; but one may venture to guess that it may have been *Tushāra-ārāma*, or the "*Tushāra* monastery," that is, the monastery built by the king of the *Tushāras*. At the western end, marked B in the map, this mound rises high and almost hemispherical in shape. Here I made an excavation, in which were found bricks $15\frac{1}{2}$ by $10\frac{1}{4}$ by 3 inches; but as the site was covered with Muhammadan graves, I was reluctantly obliged to stop the work, after finding some large bricks, with rounded faces like the bars of a Buddhist railing. I believe it to have been the remains of a large temple, as there was a slight depression on the eastern side, which would have been the entrance of the temple.¹

The middle portion of the great mound, marked C in the map, is generally higher than the western half; and here accordingly the Surveyors had placed one of their survey towers. On this mound I made an excavation at one of the highest points on the southern side; but the walls, which looked promising at first, turned out to be of uncertain date, and were most likely only the remains of dwelling-houses.

But, in spite of my failure to discover any remains of ancient buildings, there can be no doubt whatever that the *Tusāran* mound is the site of an old Buddhist establishment. The very name of *Bihār* is peculiarly and exclusively Buddhist. It is also known by the name of *Süa Bihār*, or the "red monastery," an appellation which was common to Buddhist monasteries. There is nothing Buddhist about the old group of figures in the temple; but outside the temple there were formerly two small stūpas in stone, which were known to the people as *Buddha* and *Buddhi*. These names, no doubt, were given to the stones when their Buddhist origin was still known. They were both removed to the public garden at Bela (or *Partābgarh*); but one has since been placed in the Faizabad Museum, where I saw it in 1876.

The group of figures in the temple is generally known by the name of *Asht-bhuji*, or the "eight-armed." This is a common name of the goddess *Durgā*, and is no doubt well known to the people. But it cannot have been the original name of the group, as there were certainly seven figures, and I think that I can trace an eighth figure.

The base of the sculptured block is 3 feet 4 inches in front, by 1 foot 4 inches at the side. As the heads of the figures

¹ See Plate XIX.

are all gone, the height is doubtful, but I estimated it at about $4\frac{1}{2}$ feet. The stone is the common dark-red sandstone of the Sikri quarries, with light-buff spots; and I infer, therefore, that the sculpture was most probably executed at Mathura. The oblong shape of the block, with its two groups back to back, and the presence of leaves falling over the shoulder of the right male figure, all seem to point out that this sculpture was perhaps a kind of altar supporting a bowl, similar to the two altars which have already been found at Mathura. The general arrangement also is much the same; but the costume of the figures is very different. In the Mathura groups the females wear short loose jackets, like the smaller Greek *Khiton*. In the Bihâr group the females are naked to the waist, and wear broad zones of several strings round the loins, like those in the Bharhut sculptures, but more in accordance with the Sânci sculptures, as they appear otherwise to be quite naked. I conclude, therefore, that the Bihâr group is of later date than the two Mathura groups. The latter I would assign to the period of Greek rule, somewhere between 150 and 100 B.C.; the former to the time of the Indo-Scythians during the first century, A.D. I limit the date to the period of Indo-Scythian rule, because the peculiar zone worn by the women in the Bihâr sculpture is not found in any of the sculptures of the Gupta period.

The most striking feature in this sculpture is the boldness of the design, in which so many figures are gathered together in a single group, without any apparent crowding or interfering with one another.¹ Altogether there would appear to have been eight figures, four males and four females, of whom three were tall figures, two men and one woman, and the others short figures. The group appears to represent some story, but I cannot identify it, chiefly perhaps on account of the broken state of the figures. The mutilation is unfortunately so great, that not a single head is perfect, whilst only two arms remain to give even a faint clue to the action of the story.

Immediately in front there is a tall woman kneeling on her left knee, with her left arm thrown over the shoulders of a short man on the right. Only two fingers of his hand remain. Behind these two stands a tall man, whose right hand, judging from a slight inclination in the back part of the upper arm, probably grasped the woman's right shoulder. Every trace of his left arm is gone. The second tall man stood on the left of the group with his face towards the

¹ See Plate XX. for a sketch of this group.

woman; but of him nothing now remains, save the left leg and foot, which appear in the back ground behind the right leg of the woman. Immediately behind the kneeling woman there is a short man, over whose shoulders the woman has thrown her left arm. To the right of the group, and partly hidden by the tall man, stands a short female, who, from the inactive position of her left arm placed across her waist, would appear to be only a spectator. At the back of these figures, and facing to the rear, there are the remains of apparently three short figures, two females and one male, together with the thick trunk of a tree. These figures do not seem to have any connection with the front group. Judging from the trunk of the tree and the leafy branch which still hangs over the left shoulder of the tall man, I think it is almost certain that these groups may have formed the support of a bowl, or altar, similar to the two altars which have been found at Mathura. In both of these the figures are placed back to back on an oblong pedestal, and under the leafy boughs of a tree that apparently support a bowl above them, which forms the top of the sculpture.

The only trace of Buddhism that I have been able to detect—is the well-defined mark of the dress of the tall male figure across his right breast, which shows that his robe passed under the arm and left the right shoulder bare. Both of the men in front are apparently dressed in long trowsers, which certainly formed no part either of the Greek or of the Indian costume. The Indo-Scythians, however, did wear trowsers, as we see them so represented on their coins as well as on their sculptures. Altogether, therefore, I think that the weight of evidence is decidedly in favour of assigning this group to the period of Indo-Scythian rule, somewhere about A.D. 100.

Amongst the details of the sculpture I may notice that the tall male figure has a scarf round the waist, and an ornamental girdle round the loins. The scarf seems to be tucked inside the waist belt of his trowsers. The small male figure seems to be dressed in exactly the same fashion, with the addition of a long necklace and earrings. On the female figures I can see no trace of any clothing whatever. Both have zones of several strings round the loins, with numerous bracelets covering the whole of the lower arm, and huge anklets. The hair of the tall female was massed at the back of her head and ornamented with strings of pearls or other jewels, of which distinct traces still remain. She also wore armlets.

The back group was difficult to examine, as it was close to the back of the temple, and therefore badly lighted. It was found impossible to turn the group round on account of a huge tenon under the pedestal, 1 foot 4 inches in breadth, which was firmly secured below.

The other remains at Bihâr are few and unimportant. In the tomb of Shahîd Mardan, the door-sill is formed of the architrave, or upper member of the door of a Hindu temple. It is very richly carved, but of small dimensions, being only 3 feet 4 inches in length.

I obtained only a few coins at Bihâr, but they were chiefly of old Hindu and Indo-Scythian types. The coins of the Indo-Scythians are found at Allahabad and Benares, and even as low down as Ghâzipur. A large find was also made on the line of railway between Allahabad and Jabalpur. From these discoveries, and more especially from the presence of this curious group of sculpture at Tusâran Bihâr, I am strongly inclined to believe that the rule of the Indo-Scythians had been extended as far to the east as the junction of the Ganges and Jumna. Their coins are found in some numbers in every old town in Eastern Oudh, as far as the banks of the Gandak river.

It has been the fashion to refer all the remains of antiquity in Eastern Oudh to the barbarous race of aboriginal Bhars. Thus I find that the two Buddhist stûpas, which formerly stood outside the *Ashta-bhuji* temple at Bihâr, have been actually assigned to this race by the writer of the notice of Bihâr in the *Oudh Gazetteer*.¹ The following is his account of these stûpas:—

"About two years ago were found at Bihâr a pair of very old and curiously carved stones, which, from the character of the figures represented, I have no doubt are Bhar relics. They are believed to be so by the inhabitants, and the following account of the stones (which go by the name of Buddha Buddhi) is current among them. Bihâr Khâs was originally inhabited by the Bhars; Fort Sansâran, remains of which still exist on the east of Bihâr, was their strong hold. Within the fort was a temple which contained idols worshipped by the Bhârs. During the reign of Râjâ Pithaura, the latter sent a force under the command of one Bâl Singh, a Bais, and ancestor of the present Bais Zamindar of Bihar, to attack the Bhars. A pitched battle ensued, which resulted in the defeat of the Bhars and the destruction of their fort. Bâl Singh caused the temple, containing amongst other idols two much larger than the rest called Buddha and Buddhi, to be thrown into the lake which lies on the south-east of Bihâr. After the victory, Râjâ Pithaura rewarded Bâl Singh with a

¹ *Oudh Gazetteer*, Vol. I, p. 306.

zemindari grant of twenty-two villages in the neighbourhood, and Bâl-Singh came and resided in the town of Bihâr. The Bais, his descendants, erected a temple on the south of the town close to a pipal tree. In this temple they replaced the stones 'Buddha' and 'Buddhi.' The temple near the entrance of the fort is of older origin, and is held to have been built by the Bhars. It had for many years been in a state of decay, but forty years ago one Dâtâ Râm, a Kashmiri Pandit, on appointment as tahsildar, rebuilt it. From the Bais temple he removed the stones and placed them at the door of the more ancient shrine, near which they were found in 1868."

I have already mentioned the probability that Tusâran Bihar may be the *Hayamukha*, or *Ayumukha*, of Hwen Thsang, according to the account given in the Life of the pilgrim. On leaving Ayuto he first made 100 *li*, or nearly 17 miles, by boat down the Ganges to the east, to a point overshadowed by Asoka trees, where he and his companions were attacked by river dacoits. From that place he travelled 300 *li*, or 50 miles, also to the east by land, and crossing to the north of the Ganges, reached *O-ye-mu-kia*, or *Ayamukha*, as M. Julien transcribes it.¹ In the account of the pilgrim's Travels, there is no mention of the trip on the Ganges, and the whole distance is stated to be 300 *li*, or 50 miles, to the east. In this account M. Julien transcribes the name as *Hayamukha*.² The town is said to be on the bank of the Ganges (*King-kia*), which M. Vivien de Saint Martin has supposed to be only a generic name for the Ghâghra river. He has been led to make this guess by his identification of *A-yu-to* with Ayodhya.³ But I have long ago shown that Ajudhya is described under the name of Vaisâkha; while the south-east bearing from *Navadevakula* points unmistakeably to the banks of the Ganges, which is in fact actually called by its proper name *King-kia*.

The people of *O-ye-mu-kia* have been identified by Benfey with the *Ayumukhiyas* mentioned by the scholiast Pânini, and with the *Ayumukha* found in the Harivansa. The last name would indeed appear to be the true transcription of the Chinese syllables. The district was about 2,000 *li*, or 400 miles in circuit, and the town itself had a circumference of 200 *li*, or upwards of 3 miles. There were about 1,000 Buddhist monks who belonged to the school of the Sammatiyas, and a dozen temples of the Brahmanical gods.

At a short distance to the south-east of the town, and near the bank of the Ganges, there was a stûpa of Asoka, 200 feet

¹ Julien's Hwen Thsang, I, 120. ² Julien's Hwen Thsang, II, 274.
³ Note by Vivien de St. Martin in Julien's Hwen Thsang, II, 268.

in height, built on the spot where Buddha had taught for three months. Near the stūpa there were the thrones of the four Buddhas and the places where they walked for exercise. There was also a stūpa of blue-stone containing some of the hair and nail-parings of Buddha. Close by there was a monastery of 200 monks, with a statue of Buddha very richly ornamented. Here the learned Buddha-dâsa composed his treatise, named *Maha Vibhâsha Sâstra*, on the Hinayâna, or "lesser means of advancement."

In this account it will be noticed that all the Buddhist buildings are placed to the south-east of the town, which is the very position which the great mound of ruins bears with reference to the town of Bihâr. The distance also from Dâlmau is exactly 50 miles, or 300 *li*. There is, however, a very great discrepancy in the next distance of 700 *li*; or 115 miles, to *Po-lo-ye-kia*, or *Prayâga*, the modern Allahabad. This discrepancy I have discussed in another place,¹ where I have shown that the sum of all Hwen Thsang's distances between Kanauj and Allahabad is very much in excess of the truth. According to the numbers given in the Life of the pilgrim, the whole distance is 1,800 *li*, or 300 miles; while in the Travels it is only 1,700 *li*, or 283 miles. But the true distance by the high road is only 193 miles; so that there is an excess of from 90 to 107 miles. But as Hwen Thsang three times crossed the Ganges in this journey, the distance actually travelled may have been somewhat greater, or say not less than 210 miles. This would be equal to 1,260 *li*, or just 540 *li*, or 90 miles less than the 1,800 *li* given in the Life. In my previous dicussion on this subject I was inclined to deduct this excess from the first portion of the journey; but since I have gone over the country between Allahabad and Bângarmau, I have come to the conclusion that the excess must be in the latter part of the journey in the recorded distance of 700 *li*, between *Ayumukha* and *Prayâga*; by deducting 540 *li*, or 90 miles, from this amount, we get 160 *li*, or 25 miles, as the true distance between these places. This number I would increase to 170 *li*, or 28 miles, so as to preserve the number 7 of the 700 given in the text. As this is the exact distance between Bihâr and Allahabad, there is some strong evidence in favour of the identification of Bihâr with the *Ayumukha* of Hwen Thsang.

If, however, it should be found that the Ganges could not have flowed past Bihâr at so late a period as A.D. 636, then I would propose Singror as the most probable representative of

¹ Ancient Geography of India, p. 384.

Ayumukha. This place stands on the very brink of the high bank of the Ganges; its mounds also are more extensive and more lofty than those of Bihâr, and it has all the appearance of having once been a large and flourishing town. It is, however, only 22 miles from Allahabad, and does not possess any remains that can be assigned to the Buddhists, although it is undoubtedly a very old and important site.

XVII.—GAURA.

Two miles and a half to the east of Tusâran Bihâr there is a small village named Gaura, with the ruins of a small but richly-carved temple of the Sun. The walls of the temple were built entirely of brick, but the entrance doorway was of stone. In plan it was a square of 21 feet 8 inches, with a chamber 11 feet square. It was raised on a platform nearly 48 feet square, paved with bricks-on-edge and plastered, the outer walls being faced with blocks of kankar. The walls were properly decorated with deep carvings in brick. Many of these were of the ordinary flower and leaf patterns; but there was also a very curious continuous moulding formed of bricks $8\frac{1}{2}$ inches in height, representing a double line of small niches one above the other, with two lines of small dentils only half an inch square. There must also have been a line of figures, as I found the broken statue of a naked man on horseback, and fragments of two other figures. Nothing whatever is known about the temple; and the mound of ruins is simply called *Narâji*, or *Narâjat Bîr*.

I made a complete excavation of the temple both inside and outside, which brought to light the sill, the jambs, and the architrave of the doorway. The door-sill bore the usual lions and elephants, but in the middle of the architrave there was a figure of Sûrya seated in a chariot drawn by seven horses. There were also several broken figures, amongst which I recognised Vishnu with his club and discus, and two groups of Hara-Gauri, of which the larger one was $2\frac{1}{2}$ feet in height. I found nothing, however, to show the date of the temple, but I do not think it can be older than the eighth or ninth century. The *Kalas*, or pinnacle, was a star of eight points, each formed of a separate brick with bevelled edges.

XVIII.—TANDWÂ.

I have already described Tandwâ with its large brick stûpa and other ruins.¹ But when I went to Sâket-Mâhet,

¹ Archaeological Survey of India, I, 348.

or Srâvasti, early in 1876, I took the opportunity of paying a second visit to Tandwâ. In my previous account I have called the place *Tudwa*, as the people *wrote* the name; but on the present occasion I found that every one when questioned pronounced it with the nasal, as *Tandwâ*. The difference is very slight; and as the nasal dot is frequently omitted in writing, I have now adopted the common pronunciation of the people.

In my former report I have identified Tandwâ with the birth-place of Kâsyapa Buddha, which Fa Hian calls *To-wai*. Hwen Thsang does not give its name; but as he states that the place was about 60 *li*, or 10 miles, to the north-west of Srâvasti, there can be little doubt of the correctness of my identification, as Tandwâ is just 9 miles to the west of Sâhet-Mâhet.

The present village is situated amongst brick ruins at a short distance to the north of the road leading from Akaona to Bahraich, and about 4 miles to the west of the former place. "All the fields around are strewn with broken bricks, and within 1,000 feet of the village on the north-west there is a mound of brick ruins 800 feet long from east to west, and 300 feet broad. Beyond the mound, and to the north of the village, there is a large irregularly-shaped sheet of water called *Sitâ-dohâr-tâl*,"¹¹ a name which cannot be older than the discovery of the supposed statute of *Sitâ-mâi*, which is said to have been found by a Bairâgi little more than 100 years ago. Dohar is a local term for a mound.

In my previous report I described the great mound of ruins as follows:—

"The west end of the mass of ruins is very low; but it is covered with broken walls and fine trees, and was therefore most probably the site of the monastic establishment. The general height of the east end is 16 feet above the fields, but rises to 26 feet at the south-west corner. At this point the mound is formed of solid brick-work, which after close examination I discovered to be the remains of a large stûpa. As two different measurements gave a diameter of not less than 70 feet, this stûpa must have been one of the largest and most important in the famous province of Uttara Kosala. Hwen Thsang mentions only two stûpas at this place—one to the south of the town, being built on the spot where Kâsyapa Buddha had performed his meditations under a Banyan tree; and the other to the north of the town, containing the complete body of Kâsyapa. This is also confirmed by its size, as Fa Hian calls this stûpa a great one. The stûpa on the mound must certainly represent the latter monument,

¹¹In my former report this name is erroneously printed as *Sita-Deva-Tal*.

because the tank precludes the possibility of any other having existed to the northward of it."

At my last visit I spent five days at Tandwâ and made a complete survey of the ruins. I also cleared away the rubbish from the outside of the great stûpa nearly all round, the only part left unseen being covered by the temple of *Sitâ Mai*. I found the flights of steps on the north and west sides nearly perfect, with the outer wall of the stûpa still standing intact. On the south the steps were much broken, and on the east I was unable to dig, owing to the presence of a huge Banian tree, which stands in the very position which they would have occupied. My survey also revealed a very curious fact, that the four gateways did not occupy the four cardinal points, the northern gate being $17\frac{1}{2}^{\circ}$ to the east of the magnetic meridian.¹ What was the cause of this variation, I have not yet been able to discover; but I have noticed that most of the temples of the Gupta period have an average variation of about $13^{\circ} 20'$,¹ or of one whole Nakshatra, to the east of north.

The position of the great Banian tree exactly on the site of the eastern entrance must be designed and not accidental, and I am disposed to look upon it as the site of the original tree under which Kâsyapa was believed to have obtained Buddhahood, as the Banian was the special Bodhi tree of Kâsyapa. But besides this great tree there are no less than eight other fine Banians on the mound around the stûpa. The positions of all these are marked in the map by figures from 1 to 9.² Taking the tree No. 1 as the site where Kâsyapa sat in meditation under his special Bodhi tree, I would refer the great stûpa immediately to the west of it to his Nirvâna. As the only other large trees on the mound are two *Jambus*, the presence of so many Banian trees in one spot would seem to point most clearly to its identification with the site of Kâsyapa Buddha's meditation and Nirvâna.

In my previous report I mentioned that the stûpa was "not less than 70 feet" in diameter. This measurement was derived from three different points, where I found the solid brick-work; but on my last visit I was able to make actual measurements of the diameter at the berm level, which I found to be just 74 feet. This was $5\frac{1}{2}$ feet above the paved courtyard, and 18 feet above the level of the fields. The ruined mound of the stûpa, all of solid brick-work, is still 9 feet

¹ See Plate XXII for a plan of the stûpa.

² See Plate XXI.

in height above the berm, and $14\frac{1}{2}$ feet above the floor of the court in which it stands. Some parts of the massive walls of the courtyard are still standing, and the complete size can be traced by the lines of the brick ruin. It was 365 feet in length from north to south, and 160 feet in breadth, with a small outer court at each end, 160 feet by 100 feet.

The lower part of the face of the stūpa was ornamented with a Buddhist railing in brick-work, supported on a line of dentils.¹ These dentils are hollowed out and bevelled at the ends, as shown in figure 10 of the Plate. They appear to me to represent the ends of timber beams, and to be copied from an original wooden construction. The general breadth of the berm was only 3 feet 9 inches, but at the entrances it was widened to 5 feet 6 inches. I examined the berm for traces of a Buddhist railing, but the edge was so much broken that nothing was discovered. It is quite certain, however, that a stone railing once existed, as I found one piece of a rail bar, several fragments of stone coping, and some pieces of what I believe to be part of an architrave or curved beam of a Toran gateway.² All these fragments were found in one spot near the northern entrance. The great mass of stone chips collected on this spot told its own tale. Here masons had been employed in cutting away the sculptures of a Buddhist railing, to fit the stones for the plainer requirements of village buildings. Thousands of these fragments were examined, and every piece, with any trace of ornament or letters, was carefully drawn. The following is a description of the principal pieces:—

No. 1.—Head of Buddha, $3\frac{3}{4}$ inches high and 3 inches broad, or half life-size.

No. 2.—Half head of female, with earring $2\frac{1}{2}$ inches high.

No. 3.—Head and part of body of a large dragon; mouth wide open, from which probably issued a lotus stalk whose undulations divided the face of the stone into panels. The body and tail may have been coiled up spirally like the tails of the crocodiles at the end of a Toran beam.

No. 4—Piece of coping of a Buddhist railing, flowered ornament on top and inscription on face—

Sthahanwa-ārā (ma).

“the Sthahanwa monastery;”

or, if the last letter be read as *h* instead of *m*, the last word will be *arahanta*; but the first word is of some interest, as it

¹ See Plate XXXIII, fig. 1.

² See Plate XXIII, fig. 4, for an inscribed piece of coping stone.

seems probable that *Sthahanwa* may be the original form of *Thanwa*, just as *Sthāvira* and *Sthāneswara* are the original forms of *Thero* and *Thaneser*.

Nos. 5, 6, 7, and 8, are other inscribed fragments, all of which I have preserved for the purpose of showing that the great stūpa of Tandwā must have been as early as the time of Asoka, as the characters on these fragments are the same as those of his inscriptions.¹

No. 9.—Arm of female with bracelet on wrist.

No. 10.—Stone boss or pinnacle. I believe that this stone was part of the top ornament of an isolated pillar, the top-most piece being a pine-cone or pine-apple, such as have been found in Nālanda. It bears the letter *k* in a form of later date than Asoka, such as was in use during the time of the Indo-Scythians and earlier Guptas. This would agree with my suggestion that the stone formed part of an isolated pillar, as such a votive offering might have been set up at any time. The letter *k* is probably only a mason's mark, as the initial for the name of Kāsyapa.

No. 11.—Some pierced bricks were found in the same place. They are shown in the plate in a perpendicular position; but I believe that they must have been placed horizontally as part of a continuous band of ornament.

No. 12—Is a sketch of the statue of Sitā-Mai, which is said to have been found little more than one hundred years ago, when it was set up by a Bairāgi named Ajudhya Dās, who had established himself under the great Banian tree. The figure is much broken, which I only discovered when it was brought outside the temple for the purpose of being sketched. The statue was also very dirty after a hundred years of anointment with red lead. I therefore got the attendant Brahman to wash it; and while the figure was still wet, I heard a woman in the crowd of spectators say to her neighbour, "Look how Sitā is weeping at being brought outside the temple." I took no notice of the remark, but made my sketch, and showed it to the people.² I heard no other remarks, and the statue was duly enshrined in its old position inside the temple.

This figure is of some value as helping to fix the date of the Buddhist railing attached to the stūpa. It is 3 feet 4 inches in height, and presents a dancing girl resting on her left foot on a prostrate human figure, with her right knee

¹ See Plate XXIII, figs. 4 to 8.

² See Plate XXIII, fig. 12.

bent. Her left hand rests on her hip, while her right hand is raised above her head grasping the branch of the favourite sâl tree. A parrot is perched on her upper left arm under the sâl branches, which on the left side have broken into flower.

The stone of which this statue is made is the common red sandstone of the Sikri quarries near Mathura; and as the whole of the costume and the attitude and pose of the figure with the crouching man under the feet are similar to those of the Mathura figures, I have little doubt that this statue was carved at Mathura. Everywhere in the north-west I find that the old Buddhist statues are made of the Sikri sandstone, from which it would appear that Mathura must have been the great manufactory for the supply of Buddhist sculpture in Northern India.

The ruined stûpa is now named after this statue as *Sitâ-dohâr*, or "Sita's mound," and the large lake close by, which is about a mile in length, is simply known as *Sitâdohârtâl*, or the "Lake of Sita's mound." It is perhaps almost needless to mention that the statue has no connection with Sita, the wife of Rama, but is only a well-known type of Buddhist sculpture, of which so many examples have been found at Mathura.

There is an isolated mound 500 feet to the west of the stûpa, which would appear to be the remains of a small monastery. The traces of the walls show a square of 80 feet, with towers at the four corners. A little further to the west-north-west, at a distance of 3,700 feet from the stûpa, there is a long low mound upwards of 800 feet from north to south and 500 or 600 feet from east to west, which may have been the site of the old town. It now belongs to the recently-established village of *Allah-bakshpur*; but as the land still belongs to Tandwâ, I take the mound to represent the site of the old town that was visited by Fa Hian and Hwen Thsang. It is now called *Bar-ki-bhâri*, or "Banain tree mound."

Near the stûpa on the south side there are the remains of several buildings, marked A, B, C, D, E, F, in the map. I made excavations in all of them; but they proved to be only small isolated buildings containing from two to three rooms each, and were most probably private dwellings.

The accounts given by the two Chinese pilgrims of the sacred buildings at Tandwâ agree in all the main points, but they disagree as to the number of stûpas, which Fa Hian

makes to be three, while Hwen Thsang describes only two. As their accounts are short, they may be quoted in detail.

Fa Hian places *To-wai* at 50 *li*, or upwards of 8 miles, to the west of Srâvasti. "This was the original birth-place of Kâsyapa Buddha. Towers are erected on the spot where he had an interview with his father, and also where he entered Nirvâna. A great tower has also been erected over the relics of the entire body of Kâsyapa Tathâgata."¹

In this account there are *three* different stûpas; but as Hwen Thsang mentions only two stûpas, it seems probable that there may be some mistake in the number given by the elder pilgrim, or that one of his three stûpas had disappeared within two centuries.

According to Hwen Thsang's account,² one of the stûpas, to the south of the town, was built on the spot where this Buddha, after having acquired complete intelligence (*Samyak Sambodhi*), saw his father for the first time."

The second stûpa, to the north of the town, contained the "relics of the entire body of Kâsyapa Buddha." Both of these monuments, he adds, were built by king Asoka.

Both pilgrims agree as to one stûpa having been built over the relics of Kâsyapa; and Fa Hian adds that it was a "great tower." They agree also in part as to the stûpa which was built to commemorate the interview of Kâsyapa with his father; but Hwen Thsang adds that on this spot the Buddha had acquired "the supreme intelligence." Fa Hian's third stûpa is referred to the site where Kâsyapa entered Nirvana. As Hwen Thsang is silent regarding a Nirvana stûpa, I think it very probable that the great relic stûpa which still exists may be also commemorative of his death.

At 300 feet to the east-south-east of the great stûpa, there is a small round-shaped mound, which from its appearance I suspect to be the remains of a second stûpa. This would accordingly represent the scene of Kâsyapa's interview with his father. Here also, according to Hwen Thsang, he sat in meditation and acquired supreme intelligence, or, in other words, became a Buddha.

Both of the pilgrims were informed that Tandwâ was the birth-place of Kâsyapa; but this is at variance with the Indian account, which refers his birth to Benares. Thus in

¹ Beal's *Fa Hian*, Chap. XX, p. 83. Remusat, in Laidlay's version, says, "a little town" named Tuwei.

² Julien's *Hwen Thsang*, II, 309.

the Pita-Kattaya I find "Kassapo born at Baranasi-nagara; parents Brahman, Brahmadatta and Dhanawati. His Bo-tree the Nigrodha."¹ In the Mongal scriptures he is said to have been a Brahman of the family of Kâsyapa.² His father's name was *Fan-te* (virtue of Brahma); his mother's, *Tsai-chu* (opulent). He dwelt in the city of Benares, and seated beneath a *nyagrodha* he preached the Law. Here the mother's name, Dhanawati, is accurately rendered by "opulent;" but the father's name, *Brahmadatta*, means simply "given by Brahma."

Again, in the Mahâwanso, it is related that in the time of Mahindo, the chief Theri (or priestess) named Sudhammo obtained a branch of the Nigrodha Bodhi tree from king Kiso of Bârânasinagara.³

Again, according to the Chinese accounts, *Narakhi*, King of Kâsi, who was devoted to Kasyapa Buddha, "erected over his ashes a stûpa, adorned with the seven precious substances. This stûpa was called *Dasa-vrika*, 'the ten marks,'" and was surmounted by seven encircling discs, placed there by the king and his different relatives. On this account that king is now born as *Yasada*" (that is, in the time of Sakya Muni).⁴

Lastly, in the *Saddharmmaratnakârî* of Ceylon, it is stated that⁵—

"the birth-place of Kâsyapa was Benares; his father, Brahmadatta; his mother, Dhammawati; the period during which he remained a laic, 2,000 years; his queen, Sunandâ; his son, Wijitasena; his period of asceticism, seven days; the cake-giver, Emasuwânda; the grass-giver, Somanassa; and his sacred tree was the *nuga*, or banian. His principal disciples were Tissa and Bhâraddwaja; his attendant, Sarvachitra; and his principal female disciples, Uruwelâ and Urulâ. At this time Gôtama Bodhisat was the Brahman Jôtipâla. His stature was 20 cubits; he had a retinue of 20,000 disciples; and lived in all 20,000 years. After his body was burnt, the bones still remained in their usual position; presenting the appearance of a perfect skeleton; and the whole of the inhabitants of Jambu-dwipa, assembling together, erected a *dagoba* over his relics, one *yojana* in height."

In these different extracts we find several very curious and interesting particulars regarding the legend of Kâsyapa Buddha. The discrepancy about the birth-place may be explained by the fact that Srâvasti and Tandwâ formed part of

¹ Turnour's Introduction to Mahavanso, p. XXXIV.

² Fo-kwe-ki of Remusat, translated by Laidlay, Chap. XX, n. 39.

³ Turnour's Mahavanso, p. 93.

⁴ Beal's Romantic History of Buddha, p. 273.

⁵ Hardy's Manual of Buddhism, p. 97.

the kingdom of Benares. So also when the branch of the Bānian tree was obtained from the king of Benares, it was not from the city of Benares, but from Tandwā in the kingdom of Benares. This explanation becomes almost certain when we find that the stūpa covering his relics was built by Narakhi, king of Kāsi. About the stūpa itself, we learn that it was named *Dasavrika*, possessing the "ten auspicious marks or tokens," and was surmounted by seven encircling discs (or umbrellas). The ten auspicious marks are usually called *daśalakshana*, but I am ignorant of the special properties required in a stūpa. Of Kāsyapa, it is said that he was 20 cubits, or 30 feet, in height; that the bones of his body did not separate after cremation, and that his entire skeleton was placed in the stūpa erected by the Rāja of Benares. It would be worth while to explore this stūpa for the sole purpose of ascertaining the nature of its deposit. I am the more anxious about the exploration of this stūpa, as it seems almost certain that it must be as old as the time of Asoka, and the existence of inscriptions on the railing which has been destroyed is in favour of the discovery of some inscription inside. There is a small *lingam* on the top of the mound; but as it stands several feet away from the middle of the hemisphere, it might, perhaps, be possible to sink a shaft down the very centre of the stūpa. The mound is a solid mass of brick-work laid in mud mortar. If it contains any relics, I should expect to find them, either at a depth of 9 feet, at the central point of the hemisphere, or at $14\frac{1}{2}$ feet, on the level of the paved platform surrounding the stūpa.

XIX.—SRĀVASTI.

Early in 1876 I paid a visit to Sahet-Mahet, which I had previously identified with the famous city of Srāvasti, for the express purpose of making excavations in the ruins of the Jetavana monastery. At my first visit in January 1863 I had discovered the *Kosamba-kuti* temple, which is repeatedly mentioned in the accounts of Buddha's life. Since then I have discovered amongst the Bharhut sculptures a circular bas-relief representing the whole of the Jetavana garden, in which two buildings are labelled with their names as the *Kosamba-kuti* and the *Gandha-kuti*. On this visit I spent eleven days at Sahet, and made a very careful examination of the whole site. Attached to my first account will be found a map of the city, showing the site of the Jetavana

monastery, and of other ruins.¹ With the present report I now give a map of the Jetavana itself on a large scale, showing the positions of all the ruined buildings which I excavated.² The first operation was to clear away as much as possible of the dense jungul, which now covers the whole place. This was of course only partially cleared; but so much was done that I believe no building of any consequence could have escaped my notice. I offered rewards to all the men and boys who were employed as diggers for the discovery of a ruin or a statue amongst the jungul. All the people are afraid to go into the place at night, or even to remain in it after sunset, as it is believed to be haunted by evil spirits, and is therefore generally called *Fogini-bharia*, or the "witches mound." I also cut pathways through the jungul, and pushed my way through it mounted on an elephant, and wherever the trace of a wall was seen, the jungul was cleared for some distance around it, so that I am pretty confident that nothing that was visible above ground could have escaped my notice.

Jetavana was originally only "the wood, or orchard, of Jeta;" but, after its purchase by the rich merchant Anāthapindika, it became one of the most celebrated places in India. The story of its purchase is one of the most curious remains of Buddhist legend that we possess. Anāthapindika having invited Buddha to Sravasti, or Sewet, sought for a suitable site to build a Vihār for his reception. This he found in the Jetavana; but the prince not wishing to part with it said in jest, "If you cover the whole ground with gold coins (*masurans*); you may have it." The merchant accepted the terms with joy, and prince Jeta was obliged to adhere to his word.³ All the commoner trees were first cut down, but the sandal and mango trees were allowed to remain. The merchant then directed his treasurer to cover the whole surface of the ground with *masurans*. "The treasurer accordingly emptied seven stores," says the chronicler, "and measured the golden *masurans* as if they had been grain." Anātha next ordered his servants to measure the space occupied by the standing trees, that he might add the amount required to cover it to the purchase money. But prince Jeta then declared that he was satisfied, as he wished to become a partaker in the merit of providing a place of residence for

¹ Archaeological Survey of India, Vol. I, Plate L.

² See Plate XXIV.

³ See Hardy's Manual of Buddhism, pp. 218-219.

Buddha. The purchase money amounted to 18 *kotis* of *masurans* (180 millions of gold coins), and an equal was spent by the merchant on the erection of the Vihâr. Anâtha "poured water upon the hands of Buddha," in token that he dedicated the Vihâr to the priesthood of the four quarters.¹ From another source we learn that the vessel used for pouring water was a "golden ewer."

The whole of this curious story is represented most faithfully in one of the Bharhut bas-reliefs:—²

"In the foreground there is a bullock-cart, with the bullocks unyoked sitting beside it, and with the yoke tilted up in the air, to show that the cart has been unloaded. In front are two men; each holding a very small object between his thumb and forefinger. These two I take to be Anâthapindika himself, and his treasurer counting out the gold pieces brought in the cart. Above them are two other figures seated, and busily engaged in covering the surface of the garden with the gold coins, which are here represented as square pieces touching one another. If these squares were intended for a pavement of any kind, they would have broken bond, instead of which they are laid out just like the squares of a chess-board. From this arrangement I infer without hesitation that they are intended for the gold coins with which Anâthapindika engaged to cover the whole area of the garden as the price of its purchase. To the left are six other figures, whom I take to be prince Jeta and his friends; and in the very middle of the composition, there is Anâthapindika himself carrying a vessel just like a tea-kettle in both hands as a pledge of the completion of his gift."

In addition to the scenes just described, there are also represented two buildings, which are respectively labelled *Gandha-kuti* and *Kosamba-kuti*, besides a holy tree surrounded by a Buddhist railing, and three other trees, which are no doubt intended to represent the sandal and mango trees that were left standing.

On the left hand, prince Jeta is standing *astonished* at the completion of the payment, which he had thought to be an impossible feat. "My garden," thought he, "is a thousand cubits in length and breadth; no one has wealth enough to be able to cover it with gold; it is therefore yet mine."³ The peculiar action denoting complete astonishment is the placing of the finger and thumb in the mouth, which is the very action represented in the sculpture. In the Bharhut bas-relief there are several other instances of the same action. This

¹ See Spence Hardy's Manual of Buddhism, pp. 218-219.

² "The Stûpa of Bharhut," Plate XXVIII, fig. 3.

³ Hardy's Manual of Buddhism, p. 218.

⁴ See Stûpa of Bharhut, Plate XVII, lower compartment, and Plate XXX, fig. 3.

curious custom is still very common in India, especially amongst the women. It would seem also to have been the usual way of showing astonishment amongst other races. Thus it is related that "when Jalâlud-din of Khwarazm plunged his horse into the Indus to swim across, Changiz Khan *placed his hand in his mouth* in sign of astonishment."¹ The historian of Firoz Tughlak also relates that on the Emperor's advance against Ekdâla, "the Bengalis from *fear* put their fingers into their mouths." But the most remarkable case is one that is recorded in Shah Jahân's time. One morning the emperor on entering his harâm rather early found one of his Begams, who had only just awoke, sitting on a *morha*, with her hair all hanging down, and her dress draggling on the floor. At the sudden appearance of the emperor, the Begam at once *placed her fingers in her mouth in astonishment*, while Shah Jahan passed on to the Darbar without saying a word. As soon as he was seated, he addressed the court poets with the words, "*Nimé darûn, nimé barûn*," or "half in, half out," and desired them to complete a verse explaining the meaning of the words. All the poets were puzzled; but one at last hit upon the following, which was accepted by the emperor:—

Az haibatê Shâhê Jahán
Larzad zamin o âsimân
Angusht herat dar dahân
Nime darûn nimé barûn.

"Seeing the dignity of the 'Lord of the world' (Shah Jahân), the whole universe quaked, and placed the finger of surprise in the mouth, half in and half out."

The verse is very neatly turned, and amongst the courtly flatterers of Delhi was much admired, while the poet received the reward due to his happy ingenuity.

Hwen Thsang places the Jetavana at 5 or 6 *li*, or nearly 1 mile, to the south of the city. But in his time the city was "in ruins and deserted, and its extent was not known."² I conclude that he took his distance of 1 mile from the remains of the king's palace. Fa Hian makes the distance only 1,200 paces, or about half a mile, which agrees exactly with the actual position of the city gate, which is distinctly marked by a very deep depression in the line of rampart. There is no doubt, however, about the identification of the

¹ Sir H. M. Elliot's Muhammadan Historians by Dowson, II, 389.

² Julien's Hwen Thsang, II, 293: "la capitale est deserte et ruinee; etendue qu'elle avait n'est point consignee dans l'histoire."

Jetavana, as it is the only ruin of any extent, and moreover contains the Kosamba-kuti temple, which we know was inside its walls. The enclosure is still very clearly marked by a broad mass of ruins rising from 12 to 15 feet above the ground outside, while the interior has a general elevation of 6 to 9 feet. The mass of ruin consists of two distinct portions, which may be called the northern and southern. All the walls and buildings in the former are laid out north to south; but in the latter, only the buildings are so disposed, as the eastern and western surrounding walls of the enclosure have a variation of 20° to the east of north. I have already noticed the deviation from the magnetic meridian of 17° east in the old Tandwâ Stûpa; and I am inclined to believe that this deviation is a sure token of antiquity. I am therefore disposed to look upon the southern portion of the enclosure as the original garden of the Jetavana, to which the northern portion was added by prince Jeta himself. In this northern portion I include No. 1 temple and its surrounding monastery, the walls of which are laid out in the direction of the cardinal points. In the southern portion I include all the remaining buildings except No. 8, which stands on the lower terrace of No. 1.

According to Fa Hian, the great garden enclosure of the Vihâra of Jetavana had two gates, one towards the east, the other towards the north. These openings are distinctly marked even at the present day, and I have accordingly laid them both down in my map of the ruins.

The only notice that I can find regarding the size of the Jetavana is the statement of prince Jeta, that his garden was 1,000 cubits long and 1,000 cubits broad, or 4,000 cubits in circuit. My survey makes it only about 4,500 feet; but it is probable that some portion of the ground outside the present ruins was enclosed as a wood or garden for daily exercise. The whole circuit, therefore, may easily have been increased to 6,000 feet, or 4,000 cubits.

I made excavations in twenty distinct mounds of ruin, of which ten turned out to be temples, and five stûpas, while the remaining five were either dwelling-houses or mounds of rubbish previously dug up for bricks. I have affixed a number to each of these ruins in the plan from 1 to 18, and I will now describe them, first drawing attention to the fact that Nos. 1, 2, 25, 16, 3, are all in the same meridian line.

No. 1 is the largest mound in the Jetavana. The ruined temple stands on the uppermost of three platforms, each rising 8 feet, and making a total height of about 25 feet for

the floor of the temple. The lowermost platform is 350 feet square, and is occupied by only one building, No. 8, which will be described presently. The middle terrace is 200 feet square, and is occupied by the remains of an extensive monastery, of which I traced several of the rooms. These rooms were unusually large, being each 11 feet 8 inches by 11 feet 4 inches. On the southern prolongation of the eastern wall of the temple there was a passage through the walls of the monastery leading directly down to No. 2 temple. The monastery was 131 feet square. On the uppermost terrace, which was about 80 feet square, stood the temple, with its doorway facing the east. The building consisted of two parts: a large hall, or assembly-room, for reading the Buddhist scriptures; and a smaller room, or cell, with a pedestal for the enshrined image. I could not find even a fragment of the statue, but there is immediately in front of the pedestal a shallow hollow, 18 inches square, which I believe once contained a slab, with impressions of Buddha's feet, such as I found *in situ* in the *Kosamba-kuti* temple, No. 3. In front of each corner of the pedestal there is a deep hole 6 inches square, in which no doubt a pillar formerly stood to support a canopy over the head of the statue. At the inner angles of the passage leading into the cell there are also square holes, which I suppose once held the wooden uprights of the door-frames. The temple itself is built entirely of brick.

The *mandapa*, or assembly-hall, is a large square room, 24 feet 9 inches by 23 feet 9 inches, with four pillars in the middle to support the roof. It has three entrances on the north, east, and south, and a fourth doorway on the west side, leading into the sanctum. The walls are 4 feet thick, with a projection in the middle of each face for the doorway. The passage leading into the shrine is 5 feet 8 inches in length, the cell itself being 8 feet 10 inches by 8 feet 3 inches. Outside there is a projection in the middle of each wall, with four retirements on each side. As the walls of all the other temples have only one projection on each side, I am inclined to look upon this departure from the usual plan as a sign of a later date. The basement of the stūpa (No. 5) is the only other building in the Jetavana that has two projections on each side of the middle. I think, therefore, that both No. 1 temple and the stūpa may be of later age than the other buildings. I noticed that the hall and the sanctum must have been built at different times, as there is a distinct line of junction between the two, where the

bricks cease to form bond.¹ The plan shows all the minor details; and I need only add that in the entrance to the passage I found a mass of charcoal, which led me to suppose that the wooden door might have been burned down. The outside dimensions of this building are 49 feet 10 inches by 29 feet 10 inches.

No. 2 temple is similar in general arrangement to No. 1. It has the same assembly-hall, with its entrance on the east, and four pillars in the middle for the support of the roof. The room is rather smaller in size, being 21 feet 6 inches from north to south, and 20 feet 9 inches in breadth. The sanctum is entered by a passage of 7 feet 9 inches in length. The interior is 9 feet 6 inches by 9 feet 4 inches. More than half of it is taken up by a brick platform, or pedestal, 5 feet $2\frac{1}{2}$ inches in breadth, which extends the whole length of the cell. Judging from the great size of the pedestal and the massiveness of the walls, which are 5 feet 10 inches thick, I conclude that the temple must have contained a statue of very large size. From several concurring points of evidence, also, I am led to suppose that it may be the famous *Gandha-kuṭi*, which contained the great sandal-wood statue of Buddha. In the smaller temple No. 3 I found a colossal stone statue of Buddha bearing an inscription of the Indo-Scythian period, in which the *Kosamba-kuṭi* is mentioned. As this temple faces the east, the view of the Jetavana, given in the Bharhut bas-relief, must be taken from the east side, and we thus learn that the *Gandha-kuṭi* also faced the east, and that it was to the north of the *Kosamba-kuṭi* (No. 3). A reference to the map will show that No. 2 is the only temple that answers to this description. The plan of the temple is given in the Plate XXVI, with a sketch of the *Gandha-kuṭi* beside it taken from the Bharhut bas-relief. The ruin now existing is not the remains of the old temple shown in the sculpture, which is apparently a wooden structure. And such the *Gandha-kuṭi* most probably was, as Fa Hian relates that it was burnt down. It then consisted of seven storeys, and was decked with flags and silken canopies—"whilst the lamps shone out day after day with unfading splendour. Unfortunately a rat gnawing at the wick of one of the lamps caused it to set fire to one of the hanging canopies, and this resulted in a general conflagration and the entire destruction of the seven storeys of the Vihār."²

¹ See Plate XXVI for Plans of Nos 1, 3, 6, and 7 temples.

² Beal's Fa Hian, Chap. XX, p. 76.

Fa Hian mentions that the chapel was rebuilt to the height of two storeys only, when the famous old sandal-wood image of Buddha, which had been made in the time of Prasenajit, was enshrined in it. Fa Hian does not say of what material the new temple was made, but I infer that it must have been of brick, as its height was limited to two storeys. Its door was to the east, near the eastern gate of the Jetavana. It was flanked by two chambers, in front of which stood two stone pillars. These are Fa Hian's details; but in the time of Hwen Thsang only the two pillars remained to the right and left of the eastern gate.¹ The *Gandha-kuti* and its two chambers were already in ruins, and are not even mentioned by him.

Now the position of the east gate of the garden was certainly in the immediate neighbourhood of No. 2 temple. I believe, indeed, that it was due east from the temple in the position which I have marked in the map to the north of a small tank. But it is also *possible* that it may have been to the south of the tank, and that the road passed between the buildings marked Nos. 14 and 15. Any one of these positions corresponds sufficiently well with Fa Hian's statement that the chapel of Sudatta (or *Anāthapiṇḍika*) was in the middle of the garden.² But No. 14 was certainly a stūpa, and No. 15 is not massive enough for a two-storeyed temple. Altogether I think that by far the most probable site was that of No. 2, on which there now stands a large ruined temple, with an unusually broad brick pedestal, such as would have been required for the great sandal-wood statue of Buddha. As the pedestal occupies the full breadth of the temple, the statue must have been in a sitting position. And such we know the sandal-wood figure actually was. This image was made by Rāja Prasenajit, during Buddha's visit to the *Trayastrīnsa* heavens to preach the Law to his mother—

“When Buddha returned and entered the *Vihār*, the image immediately quitting its place went forward to meet him. On this Buddha addressed these words to it—‘Return, I pray you, to your *seat*.’”—

* * * On this the figure immediately returned to its seat.³

“Buddha subsequently removed and dwelt in a small *Vihār* on the south side of the greater one, in a place quite separate from that occupied by the image, and about twenty paces from it.”

¹ Julien's *Hwen Thsang*, II, 295-296.

² Beal's *Fa Hian*, Chap. XX, p. 79.

³ This is Beal's version, p. 76; but in Laidlay's translation I find it stated that “the statue *rose*, and afterwards, at the bidding of Buddha, returned and *sat down*.”

This Vihār I take to be the small building marked No. 16 in the map, and which is only 12 feet 9 inches square outside. Its distance from No. 2 is 50 feet, or just 20 paces to the south.

In the view of the *Gandha-kuti*, taken from the Bharhut sculpture, it will be observed that the seat, or throne, of Buddha is empty. This is in strict accordance with all the sculptures of Bharhut, in none of which is Buddha himself ever represented. His head-dress and his foot-prints are frequently seen, as well as the *dharma chakra* symbol, but in no single instance is he represented in person. It seems probable, therefore, that the story of the sandal-wood statue must be of later date than the Bharhut Stūpa, that is, subsequent to the time of Asoka. *Gandha-kuti* means the "Hall of Perfume," and the name was applied to the house in which every Buddha had lived; because perfumes were burned there in honour of the departed Teacher. According to Burnouf, the *Gandha-kuti* was "la salle où l'on brûle des parfums en l'honneur d'un Buddha, et devant son image."¹

A small head of Buddha, $2\frac{1}{2}$ inches in height, carved in the spotted red sandstone of Sikri, was found inside the chamber, along with two other pieces of sculpture, and a couple of small cowree-shells in an earthen pot.

No. 3.—When Hwen Thsang visited Srāvasti in A.D. 636, he found the Jetavana monastery so completely ruined, that nothing more than the foundations remained. "One small brick temple containing a statue of Buddha rose alone amid the ruins."² This solitary temple I have identified with No. 3, because the inscription which I found inside dates back to the early period of Indo-Scythian rule. The statue must, therefore, have been enshrined in this temple several centuries before the time of Hwen Thsang; and as I found it inside the temple in 1863, it is certain that it must have been there in A.D. 636, when the Chinese pilgrim visited the Jetavana. The statue is of colossal size, being 7 feet 4 inches in height. His left hand rests on his hip, and his right hand is raised in the act of teaching. The right shoulder is bare, as in all Buddhist figures, and there is the usual aureole, or nimbus, round the head. Close to the neck there are two small holes cut through the nimbus, which, being larger in front than behind, were evidently intended for metal cramps to fix the statue to the wall. Unfortunately the head is broken, as well as both

¹ Introduction à l'Histoire du Buddhisme Indien, p. 317, note 1.

² Julien's Hwen Thsang, II, 296.

arms, but the body of the figure is uninjured. The attitude is stiff and constrained, the two feet being exactly in the same position, and somewhat too far apart. The statue is of spotted red sandstone, such as is found in the quarries near Mathura, at Fatehpur Sikri; and as we know from recent discoveries that the sculptor's art was in a very flourishing state at Mathura during the first centuries of the Christian era, I feel satisfied that the Srâvasti colossus must have been brought from that city. The inscription is imperfect at the beginning, just where it must have contained the date. It now opens with the figure 10 and some unit of the Gupta numerals, which must be the day of the month, and then follow the words *etaye purvvaye*, which Professor Dowson thinks must mean "on this notable occasion," or some equivalent expression. Then come the names of the donors of the statue, three mendicant monks, named Pushpa, Siddhya-Mihira, and Bala-Trepitaka; next follow the title of Bodhisatwa, the name of the place, *Srâvasti*, and the name of Buddha as Bhagavata. The inscription closes with the statement that the statue is the "accepted gift of the *Sarvâstidina* teachers of the Kosamba-hall."¹

This mention of *Kosamba-kuṭī* serves to identify the site of the building with that of the temple shown in the bas-relief of the Bharhut Stûpa. I do not suppose that the building is the same, although this is not impossible. But I am rather inclined to believe that the building represented in the bas-relief is a wooden structure. It is certain, however, that the colossal stone statue was not in the temple at the time of Asoka—1st, because there is no image shown in this view; and 2nd, because the statue actually found in the temple belongs to the Indo-Scythian period.

The outside dimensions of this small brick temple are 19 feet by 18 feet, with a room only 7 feet 9 inches square, the walls being upwards of 4 feet thick, with a projection of 6 inches in the middle of each face. The floor was paved with large stones, and immediately in front of the pedestal there was a long flat slab, 3 feet 9 inches by 1 foot 6 inches, with a pair of hollow foot-prints in the middle, and a small hollow on each side. Behind the foot-prints, and immediately in front of the pedestal of the statue, there was a long rough hollow, 3 feet 4 inches by 4 inches, which, judging from what I have seen in Burma, must once have held a frame for the reception of lights in front of the statue. But all this

¹ Archaeological Survey of India, I, 339, 340.

arrangement was certainly of later date than the statue itself, for on opening up the floor it was found that the Buddha-padslab concealed the lower two lines of the inscription, which fortunately had been thus preserved from injury, while the third or uppermost line had been almost entirely destroyed.

Nos. 4 and 13 are a pair of large rooms with comparatively slight walls, which I think from their size must have been public rooms for meetings, either for meals or for study. The more northerly room is 27 feet 8 inches by 22 feet, with walls of 3 feet; the other room is 26 feet 2 inches by 21 feet 2 inches, with walls of 3 feet 5 inches. The former lies due north from the latter, at a distance of 28 feet and 170 feet to the west of No. 3. No. 13 has a small room, 8 feet 6 inches square, on the east side. Nothing was found in either of the rooms.

No. 5 was the most conspicuous object in the Jetavana, being a conical mound upwards of 30 feet in height. After clearing away 7 feet of rubbish I came upon a square room, which at first sight I thought must be a temple; but as no opening was found in any of the walls, it became certain that the mound was a ruined stūpa. This soon proved to be the case, as we found great numbers of clay seals, both burnt and unburnt, lying 1 foot above a regularly made floor of broken brick, $8\frac{1}{2}$ feet below the top of the walls. On the west side there, was a small raised platform, like the pedestal of a statue, and exactly in the middle of the east side there was one-half of a lion's head in stone, of life-size. Beneath the floor the whole mass, was of solid brick for a depth of 14 feet, where the plain earth was reached. At $2\frac{1}{2}$ feet from the bottom of this solid mass, twenty cowree-shells were found lying together in the very centre of the shaft. These were probably the votive offering of one of the workmen. The bricks were from 14 to 15 inches long by 9 inches broad and $2\frac{1}{4}$ inches thick.

From this description it is clear that the solid brick-work below is the ruin of a stūpa of very old date, probably as old as the time of Asoka; while the square building above is the basement of a mediæval stūpa built on the top of the other. This basement is 25 feet 6 inches square, above which rose the hemisphere upwards of 20 feet in diameter. The crown of the dome was, therefore, more than 33 feet high above the ground, to which may be added a pinnacle of umbrellas, placed one over the other up to 17 feet, which would make the total height of the stūpa just 50 feet.

Of the burnt clay seals found inside, the most interesting is a unique specimen 2 inches long by $1\frac{1}{2}$ inch broad, with a small stupa accompanied by eighteen lines of writing. This was found along with a broken stupa of unburnt clay, in which it was most probably preserved, until it was disinterred by a blow of the digger's pick. The letters of the inscription are unfortunately very small,¹ and rather difficult to distinguish. But I can read many portions of it, and from the occurrence of the word *pratishthita*, "established," I think it probable that there may be some reference to the erection of the stupa. The first line is simply *Namā Bhagavato*, or "Glory to Buddha": and the last three lines, Nos. 16, 17, 18, contain only the well-known Buddhist creed: *Ye dharma hetu prabhava*, &c. I can read the title of *Tathāgata* in several places, and also *namo Bhagavato Sākyā Muni* in the fourth line.

Of the second kind of burnt clay seals, twelve specimens were found.² In the middle there is a large stupa of old form, crowned with three large umbrellas surmounted by a wheel. There are the usual flags, or streamers, on each side, and a couple of large bells, one on each side, hanging from the umbrellas. This is the first time that I have seen bells in these sculptured representations of stupas; but they are extensively used throughout Burma at the present day, suspended from the edges of the umbrellas of the pinnacle. A gilt metal Pipal leaf is hung from each clapper, which waves with every breath of wind, and causes the tongue to strike the bell, now strongly and now softly; and the accumulated sound of a number of these bells, which is heard distinctly at night for a considerable distance, is very sweet and pleasing. Besides the great stupa, there are four small stupas, two on each side; and below there is the Buddhist creed inscribed in three lines of mediæval characters.

Of the third kind of burnt clay seals, only nine specimens were found. They are rather more than 1 inch in diameter, and contain only the Buddhist creed arranged in five lines of very neatly executed mediæval characters.

The unburnt clay seals are of four different kinds, three large and one small. Each of the large ones was found imbedded in a ball of clay from $3\frac{1}{2}$ to 4 inches in diameter. But the small ones, which are only three-quarters of an inch in

¹ See Plate XXVIII, fig. 1, for the seal, and fig. 5 for the stupa of unburnt clay in which it was enclosed.

² See Plate XXVIII, fig. 2.

diameter, were always found in pairs, face to face, in the middle of a stūpa of unburnt clay. One of these stūpas is represented in the accompanying plate,¹ with the pair of small seals shown by dotted lines. I have named the four classes of unburnt seals as noted in the following description. All of the larger seals are coloured with vermillion:—

1. *Buddha Seals*.—Each bearing a figure of Buddha seated on a lotus throne in meditation. On each side there are two small stūpas, and the Buddhist creed is arranged around the seals. There were 18 specimens, all more or less broken, each being $2\frac{3}{4}$ inches high by $1\frac{7}{8}$ broad. The shape is oval, with a pointed top and a round base.

2. *Small Stūpa Seals*.—Of these there were 164 specimens of the same shapes as the last, each being $3\frac{1}{2}$ inches long by $2\frac{3}{4}$ inches broad. In the middle there is a single tall elongated stūpa, with 50 small stūpas arranged on each side and below. The Buddhist creed occupies three lines at the bottom.

3. *Large Stūpa Seals*.—There were 62 specimens of these, all more or less broken, owing to their having been always damp. On each there are three large stūpas with flags flying from the pinnacles, and ten small stūpas arranged in four perpendicular lines. The Buddhist creed occupies three lines below, but it is remarkable that on every specimen the text was incomplete, the last word *Mahāsrāmanā* being represented only by its initial letter.

4. *Small Creed Seals*.—Of these upwards of 200 were found enclosed in the middle of unburnt clay stūpas. Most of the seals must have been put inside while still wet and soft, as they are nearly all more or less destroyed in shape by pressure. They contain the Buddhist creed only, arranged in five lines of very small letters.

I believe that nothing is known as to the purpose of these seals. The question "who placed them there, and what was the object," remains still unanswered. The very great number of these offerings is puzzling. In the Bīrdāban stūpa in Magadha I found upwards of 2,500 seals of lac, heaped in large earthenware vessels. My guess is that they were votive offerings of the people at large, and that every Buddhist purchased one of these from the monks who manufactured them, for the purpose of making his offering to the stūpa. The burnt clay seals, which were only 21 in number

¹ See Plate XXVIII, fig. 4, which is only half-size.

in the Jetavana Stûpa, may have been the offerings of the monks themselves from different monasteries; whilst all the unburnt clay seals would be the offerings of the people, those with two enclosed seals being perhaps *family* offerings.

Although the inscribed seals generally present us with the Buddhist creed only, yet they serve by the shapes of the letters to give an approximate date to the building in which they are found. I have called them mediæval, as their exact date is necessarily uncertain, some of the seals being apparently older than the others. But I think that the whole of these Jetavana seals may be included in a period of about two centuries, ranging from 700 to 900 A.D. This would fix the date of the rebuilding of the stûpa at about 900 A.D.

No. 6 is a small brick temple, 13 feet 2 inches square, with its entrance facing the north. It contained a small pedestal, but the enshrined figure was gone. It lies to the west-north-west of the stûpa.¹

No. 7 is another brick temple, 48 feet to the west-north-west of No. 6. Its entrance faces the east, and leads through a small room, 7 feet 3 inches square, into the shrine, which is 11 feet 9 inches square.² In aftertimes the entrance room was reduced to a mere passage, by the addition of two new walls inside. Apparently the old walls of the entrance room had given way, and these inner walls were added to strengthen the building internally. The pedestal is of brick 4 feet 6 inches broad, and extends across the whole breadth of the room. I infer from its size that it was once occupied by a colossal sitting statue. The bricks are $15 \times 8\frac{1}{2} \times 2\frac{1}{2}$ inches, like those of the old solid stûpa. I look upon it as one of the oldest buildings in the Jetavana.

No. 8 stands on the lower terrace of No. 1 temple. It consists of two distinct rooms placed back to back, the larger room facing to the north, and the smaller room to the south.³ The larger room is 19 feet 8 inches long by 15 feet 4 inches broad. It has pillars or pilasters in the four corners, and in the middle of the shorter sides, and two large square pillars against the back wall. The smaller room is 10 feet square, with a recess at the back, as if for the reception of a statue. Nothing was found in either of the rooms. I discovered, however, that they are of different dates, as the mouldings of the back wall of the south room are now exposed, showing

¹ See Plate XXV. ² See Plate XXV. ³ See Plate XXVI.

that the back wall of the north room in this part is only 9 inches, or just one brick thick.

No. 9 is the remains of a stupa of which only the base, 16 feet 8 inches square, now remains.¹ I dug out the solid brick-work for about 2 feet below the base of the hemisphere without finding anything. But the excavation was afterwards carried deeper by Mr. Hoey, who found a slab with the Buddhist creed engraved in large characters belonging to the 7th or 8th century.

No. 10 was a low mound in which only rubbish was found, all the bricks having been previously extracted by the villagers.

No. 11 stands quite at the southern end of the enclosure, with its entrance facing the north. It is built on a peculiar plan, comprising three rooms in one line, with a verandah in front, and a passage running all round the middle room.² This room, which is 11 feet deep and 8 feet 8 inches broad, appears to me to have been a temple; while the two side rooms may have been the dwellings of the attendant monks. A black stone pedestal was found in the verandah. The whole building is $57\frac{1}{2}$ feet long by 36 feet broad.

No. 12 is a similar building to the last, but of more elaborate construction. It stands close to the other on the east; and has the same arrangement of three rooms in one line with a verandah in front, and a passage running all round the centre room. The dimensions also are much the same, the whole block being 57 by $39\frac{1}{2}$ feet. There was nothing found in this building to declare its purpose; but I have no doubt that the middle cell was the shrine of a figure of Buddha, while the two side rooms were the dwellings of two attendant monks. This is made nearly certain by the two small doors in the back wall of the monks' rooms leading down to two latrines.³

No. 14 is a ruined stupa, of which only the square basement now remains. I found a large hole dug in the very middle of it, which I enlarged; but the only result was the proof that the whole was one mass of solid brick-work. The diameter of the stupa was only $12\frac{1}{2}$ feet.⁴

No. 15 is a small building to the south of No. 14. From its narrow doorway it appears to have been a dwelling-house, but inside it I found the lower halves of two seated figures

¹ See Plate XXV. ² See Plate XXIX. for Nos. 11 and 12. ³ See Plate XXIX.
⁴ See Plate XXX. 1.

of small size; one in coarse grey sandstone, and the other in black stone from Gaya.

No. 16 is a small brick building, only 13 feet 9 inches square outside. Its entrance faces the east. It may have been a temple containing a statue of Buddha, as the room inside is only 5 feet 9 inches square, but its position due south from No. 2, which I have identified with the *Gandhakuti*, seems to point to its site as that of the actual dwelling-place of Buddha himself after his return from the Trayastrinsa heavens. The present ruin may be the remains of a temple of later date.¹

Nos. 17 and 18 are a pair of small stūpas at the north-west corner of No. 9 Stūpa. They are only 5 feet 8 inches in diameter. Nothing was found in them.

I have been thus minute in my account of the existing ruins which I excavated in the Jetavana, because I have found by experience that whenever the foundations of a building are uncovered, the people of the country immediately carry away all the stones and bricks, and leave not a trace behind.

The only other ancient works in the Jetavana that remain to be noticed are the wells. I found five of these in different places, and I have no doubt that there are others concealed in the jungul. These five I have marked in the map with the letters A, B, C, D, E. The well marked A is octagonal, which is still a favourite shape amongst the Buddhists of Burma. But it differs from all others that I have seen in having the top of each side curved with a projection of 9 inches towards the middle of the well.² These projections enable a man to stand upright while he drops his vessel into the water in the angle formed between two of them, instead of leaning forward, as must be done at other wells. In the lower part the well is a simple octagon of somewhat more than 9 $\frac{1}{2}$ feet diameter, which is changed to a circle at the water-level. The other wells are round and much smaller—B being 6 feet 10 inches, C 3 feet 5 inches, D 7 feet 6 inches, and E 4 feet 6 inches—in diameter. I cleared out A, B, and D, in the hope of finding some ancient remains. Fragments of pottery were of course found, but only in small pieces. In B there was the entire skeleton of a wild hog, which must have fallen in, and not being able to get out was starved to death. The junguls of Srāvasti now abound with wild hog, which the

¹ See Plate XXX.

² See Plate XXIX for a plan of the well.

people hunt on foot with spears and swords. I was much amused, therefore, whilst encamped at Srâvasti, to read in the English newspapers how the Prince of Wales had pursued the wild boar—a sport for which the natives of the country had not sufficient pluck!

With regard to other positions at Srâvasti, I have seen no reason to make any change in the identifications which I proposed in my previous report,¹ and I am glad to say that they have been generally acquiesced in by Mr. W. C. Benet, whose duties, as Settlement Officer of the district, gave him the most favourable opportunities for prosecuting such enquiries. Whilst encamped at Saket, he was able to make some excavations in the Angulimaliya Stûpa inside the city. He dug down more than 20 feet, "but beyond disclosing a square building of 24 feet each way, with a partition wall down the centre, and a second wall running all round the building at a distance of 4 feet," discovered nothing of interest. He also found, what I have experienced frequently, a difficulty in getting labourers, as the neighbouring villagers have a superstitious dread of "interfering with the old city, and will not enter it after sunset." On a second visit also he found that a storm of thunder and lightning which came on "was interpreted as a manifest token of the demons' displeasure with the man who had violated their haunts."² I examined the mound at my last visit, and found that a Hindu Bairâgi had taken up his residence on the top of it, where he had built himself a thatched hut. The ruin is now known as *paka-kuti*, in contrast to an earthen mound 400 feet to the east, which is called *kacha-kuti*. At some former time the mound is said to have been occupied by a fakir, who built the brick walls now found on the top, which are 2 feet 7 inches thick and 31 feet apart.

There is one site not noticed in my former report, which I think may be identified with some probability, namely, the famous mango tree which grew up in *a moment*, outside the gate of the city, from a stone planted by Ananda at Buddha's desire. The story is related in both the Burmese and Ceylonese chronicles. Buddha having promised to perform some miracles at Sewet at the foot of a mango tree, his opponents, the Tirthikas, "purchased all the mango trees in and near the city that they might destroy them."

¹ Archaeological Survey of India, vol. I. ² Gazetteer of Oudh, vol. III, p. 236.

" But on the day appointed Buddha took his alms-bowl as usual, and came with his priests to the gate of the city. On the morning of the same day the king's gardener, Gandamba, in passing through the royal orchard, found a cluster of ripe mangos. As they were not then in season, he thought it would be well to go and present them to the king. But on his way to the palace, he saw Buddha near the gate of the city, and reflected thus : ' If I present the mangos to the king, he will perhaps give me a reward in gold ; but if I offer them to the divine teacher, he will give me a reward more permanent, and will save me from the perils of existence.' Thus thinking he reverently approached Buddha, and presented the fruit. Ananda took off the outer skin, and having prepared a throne for Buddha in the same place, requested him there to eat it. The déwas assembled around, unseen by all but the gardener. After eating the fruit, the sage gave the stone to Gandamba, and directed him to set it in the ground near the same spot ; and in like manner, after washing his mouth, he told Ananda to throw the water upon the kernel that had just been set. In a moment the earth clove, a sprout appeared, and a tree arose, with five principal stems, and many thousand smaller branches overshadowing the city. It was 300 cubits in circumference ; was laden with blossoms and the richest fruit, and because set by Gandamba, was called by his name. Some of the unbelievers who ate the fruit that fell from the tree ran about hither and thither, as if deprived of their senses. When the King of Kosal perceived the tree from his palace, he went to the gate of the city with a great retinue, and expressed his regret to Buddha that he had not known what was to take place, as if he had known he would have assembled a great multitude to witness the performing of the wonder ; but he was told that it was of no consequence, as this was only an inferior matter. A guard was placed round the tree, that no accident might happen to it from the unbelievers."¹

The scene of this miracle I believe to have been the site of the present village of *Chakra Bhāndār*, which is only a few hundred feet outside the city on the road to the Jetavana. The village occupies a large mound, 450 long by 350 feet broad, on the top of which there is still a very fine mango tree, which may possibly be a descendant of the famous tree which was believed to have been planted by Buddha's desire. The name of the village is most likely significant, *Bhāndār* being only a contracted form of *Bhāndāgār*, "a treasury or store-room."

In all the traditions of Kosala, or Northern Oudh, Rāma of course holds the first place. But the next after him, both in time and in fame, is King Vikramāditya. The earliest mention of him is by the Chinese pilgrim Hwen Thsang, who calls him King of Srāvasti, and places him about half way in the

¹ Hardy's Manual of Buddhism, pp. 295-296 ; Legend of the Burmese Buddha, p. 205.

one thousand years that had passed between the Nirvâna of Buddha and his own time.¹ This may be reckoned in round numbers as about five centuries before his own date, or A.D. 136 as an approximate date. During his time flourished the Great Buddhist Teacher Manorhita, the author of the *Vibhâsha Sâstra*. The king assembled one hundred Buddhist monks, and the same number of Brahmans, to discuss the merits of their respective religions, declaring at the same time that if the Srâmanas prevailed in argument, he would embrace the Buddhist religion, and if they were vanquished in argument, he would join the Brahmans, and exterminate the Buddhists. Manorhita failed; and being ashamed at his humiliation, bit out his tongue and died. Shortly after Vikramâditya died also. Then *Vasubandhu*, the pupil of Manorhita, went to the new king (whose name is not given), and demanded a fresh discussion with the Brahmans, which was granted. The heretics who had disputed with Manorhita were again assembled, and being vanquished by Vasubandhu they retired.

The same story is related by the Tibetan author Târanâth, who places Manorhita and Vikramâditya nine hundred years after the death of Buddha.² Vikramâditya, who is called King of Ayodhya, was succeeded by his son *Prâditya*, who with his mother favoured Vasubandhu. But the king's brother-in-law, Vasurata, who is called a Brahman, and who is said to have been a leader of the Tirtikas, having written a reply to Vasubandhu's *kosha*, the Buddhist answered him so successfully that the king presented him with one lakh of gold (pieces), while the king's mother gave him two lakhs. With this money he set up a statue in each of the kingdoms of Kipin (Kabul), Purushapura, and Ayodhya. At last he died at Ayodhya at the age of 80 years.

In another place Vassilieff speaks of a *Prâditya*, who was the son of King *Prasanna*, and the father of King *Mahâsyâñi*; who were rulers of Magadha and the East.³ Apparently this *Prâditya* cannot be the same person as *Prâditya*, the son of Vikramâditya. For *Prâditya* I would read *Parâditya*, and in this form of the name we may perhaps identify him with *Parâkrama*, which was the title of Samudra Gupta, the son of Chandra Gupta.

According to the traditions of Ayodhya, that city had remained desolate from the death of Vrihadbala to the time

¹ Julien's Hwen Thsang, II, 115.

² Vassilieff, Le Buddhisme, French translation, p. 218.

³ Vassilieff Le Buddhisme, p. 53, note.

of Vikramâditya of Ujjain, "who came in search of the holy city, erected a fort called Râmgarh, cut down "the forests by which the ruins were covered, and erected 360 temples on the places sanctified by the extraordinary actions of Rama."¹ The Vikramâditya of this story I take to be Chandra Gupta Vikramâditya, whose rule certainly extended to Ujjain, as we have found his inscriptions at Sânci and Udaygiri near Bhilsa. The same story of Vikramâditya's restoration of the ancient places is also told at Devi Pâtan; so that we may accept the tradition as the survival of the story told by Hwen Thsang of a powerful Brahmanical king who ruled over Northern Oudh. According to the pilgrim's chronology, which places Kanishka four hundred years after Buddha, and Vikramâditya five hundred years after Buddha, this king must have lived about one century after Kanishka. Now the recent discovery of the gold coins of Kanishka and Huvishka in the Ahinposh Stûpa along with the Roman gold coins of Domitian, Trajan, and Sabina, the wife of Hadrian, seems to place the date of Kanishka quite at the end of the first century of the Christian era. This would fix Vikramâditya in the end of the second century, or about A.D. 200. Now this is the very date which I have already assigned to Chandra Gupta Vikramâditya, whom I take to have been the founder of the Gupta era in A.D. 166.

The son and successor of Chandra Gupta I., was Samudra Gupta, who takes the title of Parâkrma on his coins. This title I take to be the same as *Parâditya*, the full name being Parâkramaditya. We have also the most explicit authority for placing these Gupta kings in Oudh, as the Vayu Purân says,—

"Princes of the Gupta race will possess all these countries, the banks of the Ganges to Prayâga, and Sâketa, and *Magadha*."²

Sâketa is only another name for Ayodhya, as I have already shown in my report on that place.³ Admitting, then, that the Brahmanical Guptas were the rulers of Oudh for the two centuries immediately preceding Fa Hian's visit, one can easily understand how much the Buddhist religion must have suffered during that time, and how it was that he found only two hundred families inhabiting the great Buddhist city of Srâvasti, which was a mile and half in length. After his time the Buddhists would seem to have

¹ Buchanan's Eastern India, vol. II, pp. 333—334. See also my report on Ajudhya in Archæology Survey, I, 321.

² Wilson's Vishnu Purân, p. 479, note.

³ Archæological Survey of India, I, 320.

suffered still more severely, as in A.D. 626 Hwen Thsang found only one small brick temple standing alone amid the ruins. But while the Buddhists were going down, the Brahmins were rising, and accordingly we find the pilgrim recording that there were "a hundred temples of the gods, and an enormous number of heretics."¹

But shortly after the time of Hwen Thsang there must have been a strong revival of Buddhism at Srâvasti, as is shown by the numbers of inscribed seals, and of broken Buddhist figures of a mediæval date which have been discovered. This revival was probably begun under the fostering rule of Harsha Vardhana of Kanauj, A.D. 607-648, and would seem to have continued unchecked until the general rise of Brahmanism about the middle of the 8th century.

To the following period I would assign the Râjas whose names still live in the memories of the people as the kings of *Chandrikapuri*, which all are agreed was the new name of Srâvasti. These kings were—

Mayura-dhwaja.
Hansa-dhwaja.
Makara-dhwaja.
Sudhanwa-dhwaja.
Suhir-dal-dhwaja.

The last is said to have been the contemporary of Mahmud of Ghazni and the opponent of Sâlâr Masâud. Mr. Bennett says that this family were Jains.²

Before quitting Srâvasti I will say a few words regarding the probable identity of the two kings, Vikramâditya and his son Parâditya, with the Vikramâditya and Samudra Pâla of one of the principal dynasties whose names are preserved in the Râjavali of Mritunjaya Pandit. I have two MS. copies of this list, one obtained at Kapurthala, and the other at Chanderi, for comparison with the lists published by Ward and Sayid-Ahmed. From Mr. Bennett's account it would appear that he had already made this identification, although the last name given by him utterly disagrees with that of all the four lists accessible to me. The following brief notice is necessary to show how the dynasty of Vikramâditya obtained the throne.

The last king of the race of Mayura was Râja Pâla. He was conquered by Śakâditya, an invader from the mountains of Kumâun, who ruled for fourteen years. In my MS. the

¹ Julien's Hwen Thsang, II, 293.

² Oudh Gazetteer, VIII, p. 283.

conqueror is called *Sukwanti* and also *Sankhdhwaj*, but I have no doubt that he is intended for a leader of the *Sakas*, as on his defeat Vikramâditya assumed the title of *Sâkâri*, or "foe of the *Sakas*." As the exploit of killing a *Saka* king is also attributed to a Chandra Gupta, we have got one good step towards proving the identity of the Vikramâditya of the Râjavali lists with a Chandra Gupta. The story is given by Bâna in his *Harsha Charita*. In Professor Hall's copy it is said that—

"a prince of the *Sakas* (was killed) at Nalinapura by Chandra Gupta, habited as a woman."¹

In Bhau Dâji's copy it is given somewhat differently—

"In Aripuri a *Sakapati* (King of *Sakas*), an adulterer, was punished by Chandra Gupta, who presented himself in the dress of a woman."²

The following are the four lists of the kings of this family according to the different readings of the MSS. of the Râjavali. In the lengths of the reigns I have omitted the months and days and given the years only.

Ward History, III, 27.			Sayid Ahmed, Delhi.		Cunningham, Kapurthala MS.			Cunningham, Chanderi MS.			
	Sakâditya	14	Sukwant	...	12	Sukwant	...	14	Sukwanti	....	....
	Vikramâditya	93	Vikramâditya	...	93	Vikramâdityâ	...	90	Vikramâditya	....	....
1	Samudra Pâla	24	Samudra Pal	...	24	Samudra Pal	...	54	Samudra Pal	...	54
2	Chandra Pâla	40	Chandra P.	...	27	Chandra P.	...	36	Chandra P.	...	36
3	Nayana P.	51	Nai P.	...	21	Nai P.	...	21	Bi P.	...	21
4	Desa P.	47	Des P.	...	14	Des P.	...	39	Mukha P.	...	26
5	Narasinha P.	48	Singh P.	...	19	Narsingh P.	...	28	Gorinda P.	...	28
6	Suta P.	38	Govinda P.	...	18	Sobha P.	...	28	Narsingh P.	...	2
7	Laksha P.	38	Mukh P.	...	22	Laghû P.	...	22	Sobha P.	...	27
8	Amrita P.	27	Harchand	...	13	Govind P.	...	28	Desa P.	...	40
9	Mahi P.	39	Mahi	...	15	Amrita P.	...	26	Surat P.	...	27
10	Govinda P.	55	Hari	...	14	Bali P.	...	12	Bali P.	...	22
11	Hari P.	25	.....	...	...	Mahi P.	...	15	Mahi P.	...	15
12	Bhima P.	49	.....	...	...	Nara P.	...	14	Amara P.	...	17
13	Ananda P.	31	.....	...	...	Bhima P.	...	12	Bhima P.	...	12
14	Madana P.	38	Madan P.	...	18	Nanda P.	...	17	Madana P.	...	18
15	Karma P.	45	Karm	...	15	Karma P.	...	15	Karma P.	...	15
16	Vikrama P.	44	Vikram P.	...	12	Vikrama P.	...	15	Vikrama Pala	...	25
		641			232			384			412

¹ Preface to *Vâsavatâta*.

² *Bombay Asiatic Society's Journal*, X, 44.

The last king, Vikrama Pâla, was killed in battle by Tilok Chand, the Râja of Vaharâñch, or Bahraich, according to Ward, for which name I think we should read Baiswara, and thus identify the conqueror with the founder of the Bais Rajputs. Mr. Bennett has not given any list of these kings, but he calls the last one *Gayâditya*. In all the four lists here given there is a general agreement of names, showing that they have been derived from one common source. Regarding the lengths of reigns, I do not think them of any value whatever, and I would prefer taking a general average of fifteen years for each *reign*, thus giving a total of two hundred and forty years to the sixteen kings.

Regarding the names, it is certainly a curious coincidence, remembering that Pâla and Gupta have the same meaning, that Vikramâditya should be followed by Samudra Pâla and Chandra Pâla, just as Chandra Gupta I. was followed by Samudra Gupta and Chandra Gupta II. But as none of the following names agree with those of Kumâra, or Skanda, or Budha, it seems doubtful whether this dynasty can be the same as that of the Guptas. Both the time and the place agree, as well as the names of Pâla and Gupta, and though Desa Pâla might be identified with Deva Gupta, yet I see no name that approaches even distantly to that of Kumâra, or of Skanda, or of Buddha. I think, however, that the lists may possibly be of use for the purpose of comparing them with the names preserved in local traditions.

XX.—PACHRAN.

The small village of Pachran is situated between Gauda (Gonda of maps) and Sâket, or Srâvasti, at $17\frac{1}{2}$ miles to the north of the former and 11 miles to the south of the latter. It stands upon a large mound 150 feet long by 80 feet broad and 25 feet high. Near it is a second mound 20 feet high, apparently formed of solid brickwork. Here the Prithi-nâth *lingam*, which is now enshrined in a temple on the top of the mound, is said to have been found when the dense jungul which covered the mound was cleared away by Raja Mân Singh about 1860. A copper-plate was also found here about 1868, which was taken away by Nicholson Saheb to Gonda. It is said to have contained the name of Yudhishtîira, which is probable enough, as most of the copper-plate grants contain the well-known verse about him, and the threat of 60,000 years' torment to the resumers of land grants.

The name of *Pachran* may perhaps be derived from *Pancha-aranya*, or the "five forests," as the place is said to have been a favourite one with the ancient Rishis, whose names are still attached to several spots in the neighbourhood. The solid brick mound on which the temple now stands looked to me exactly like a ruined stupa. But the presence of the *lingam* with an ornamented *argha*, and of a stone figure of Chaturbhuj, or Vishnu, show that the place must, at least in later times, have been occupied by Brahmans. But, most probably it is an old Buddhist site, which was deserted during the decay of Buddhism under the Gupta rulers.

XXI.—KORON-DIH, OR KORAWA.

I paid a visit to the old site of *Koron*, or *Korâwa-dih*, because the people agreed in stating that the old name of the place was *Kolpur*, which I thought might perhaps be connected with the old city of *Koli*, the birth-place of Mâyâdevi. But the site of Kapila-vastu having been fixed at Bhüila Tâl, the position of Koron-dih, 18 miles to the east of Basti, and 40 miles from Bhüila, is much too distant to be identified with that of *Koli*.

The present village is situated at the eastern end of a very large mound, which has once been the site of a town upwards of a mile in circuit. The mound lies in a bend of the *Rasârhi*, or *Asârhi*, Nala, which is so named because it is an inundation channel that begins to fill in the month of *Ashârh*, or *Ashâdha*. The water comes from the overflow of the Katni and Küâno rivers. The Katni and the Kundar are high-level channels, which were probably canals, or artificial cuts originally, while the Küâno and the Ami are old deep channels of permanent streams.

There are no remains on the Korâwa mound itself, but to the west there are two small mounds named *Piprâwâ Mahâdeva* and *Barewa Mahadeva*, which are the ruins of Brahmanical temples. But the great mass of ruins lies to the south of the *Rasârhi* Nala, on the northern bank of the Harnâya Tâl, and one-quarter of a mile to the east of the village of *Chandüa*. These remains are known by the general name of *Bhitâ*, or "the mounds."

I made an excavation round the top of the Piparewa mound, which disclosed a small *lingam* temple, 22 feet by 18 feet outside. The people still worship on this spot, although the walls of the temple are gone, and only the *lingam* remains *in situ*.

The remains at Bhita extend for about 400 feet in length by 150 feet in breadth. The principal ruin is a mound 10 feet in height with the remains of walls 120 feet apart. As its highest part is in the middle, I think it must be the remains of a temple, or Vihâr. Here I found numerous carved bricks, and some pieces of the *amalaka* fruit of a pinnacle of a temple. Immediately to the east there is a round mound 10 feet high, out of which were obtained several wedge-shaped bricks belonging to a stûpa of only 8 feet diameter. But this was the cupola of the stûpa, as the bricks from the lower part of the mass were 12 by 9 by 2 inches. I found nothing whatever in the excavations to show whether Bhitâ was a Bhuddhist or a Brahmanical site. At the village of Parari, 1 mile to the west, I found the lower part of a statue of the Sun, with the usual horses on the pedestal, which was said to have been brought from the Bhita mound. This, however, proves nothing, as the statues of Surya are very numerous in the Bhuddhist ruins of Magadha.

XXII.—JAUNPUR.

For nearly a century the city of Jaunpur was the capital of an independent Muhammadan kingdom, perhaps the richest in Northern India. The founder of the dynasty Khwâja Jahân was appointed to the government of the eastern provinces by Mahmud Tughlak with the title of *Malik-us-Shark* and took up his residence at Jaunpur. He was shortly after succeeded by his adopted son Mubârak, who declared his independence, and assumed the title of *Sultân-us-Shark*, or "King of the East." Mubârak died in A.H. 801, or A.D. 1398, and was succeeded by his brother Ibrâhim, during whose long reign of 43 years the sway of the *Sharki* kings was firmly established over the fairest provinces of Northern India, from Kanauj to Bihâr and from Bahraich to Etâwa. To this king and his family we owe all the magnificent masjids still existing at Jaunpur, as well as the smaller ones of the same style at Kanauj, Benares, and Etâwah. During the period of their sway, covering nearly the whole of the 9th century of the Hijra, the architecture of Delhi is represented only by the tomb of Mubârak Sayid at Delhi, and by those of Alâuddin Alam Shah and his family at Budaon. But the Kings of the East, who built such magnificent mosques, have left behind them no tombs, all of them being contented with plain grave stones in the open air.

The architecture of Jaunpur is confined almost entirely to these Muhammadan mosques, for the Sharki kings who were such great builders were equally great destroyers, as every masjid was reared on the site of a Hindu temple. Even the old name of the place is lost, and we are left to conjecture whether the Muhammadan story that Feroz Shah named the city after his cousin *Faunnan* (Muhammad Tughlak) is more probable than the rival statements of the Brahmans about *Jamadagnipura* and *Yavanapura*. One thing is quite certain, that no Hindu ever calls the place *Jaunpur*, but always *Jamanpur*, which seems to point to *Yavanapura* as the original name just as *Kâl Jaman* is the common spoken form for *Kâl Yavan*.¹ In one of the Sanskrit inscriptions, which I found on a pillar in the Lâl Darwâza Masjid, there is a name which I read as *Yamonyâyâmpura*, or *Ayothayampura*, which seems as if it might have been the original of the Hindu Jamanpur. As to the Muhammadan name, I believe it to be only a slight alteration of the old name for the purpose of pleasing Feroz Shah. Some one made the ingenious discovery that the letters of *Shahr Jonpur* gave the number 772, reckoned by the *Abjad*, and as this was the date of Feroz Shah's visit, the new form of the name was at once adopted. Indeed, the place is actually mentioned by name more than a century before the time of Feroz Shah's alleged foundation of it. In the year 665 A.H., or A.D. 1266, during the reign of Balban, "the intercourse between Delhi and Bengal, by the route of Jaunpur and Benares," was interrupted.² In this passage Ferishta has either adopted the later spelling of the name, as he has also done in Peshâwar for Parshâwar, or he may have found the name so written in the author from whom he quoted, as the early Muhammadans always wrote *Fun* for the *Jamna* river, and would therefore have written *Jonpur* for Jamanpur.

But whatever may have been the original name, it is quite certain that there was a city on this site long before the Muhammadan conquest. In fact, the conquerors themselves acknowledge this, when they relate how all their masjids were built on the sites of Hindu temples which they had destroyed.

The Hindus tell the same story now which they told forty years ago. The fort overhanging the river was called

¹ So Abu Raihân writes the name; see Reinand, *Fragments Arabes et Persans*, p. 138, and note 2

² Briggs's *Ferishta*, I, 256

Karâr-kot, after a demon named *Karâr*, who was killed by Râma, and afterwards worshipped under the name of *Karâr-Bîr*, or "Karâr, the demon." His shrine exists at the north-west side of the fort, and still receives its libations of oil from the people. The name of the old town is not known, but the part which lies immediately to the north-east of the fort is still called *Karâra*. Four miles to the south-east of *Karâr-kot*, on the site of the present Zafarâbâd, stood the palace of the later Rathor Kings of Kanauj, with whom this was a favourite residence. The Hindu name of this place is not known, but it is said to have been either *Sampur*, or *Samat-pur*.

Tradition assigns the erection of the *Atala Devi* temple to Râjâ Jay Chand Rathor in the year 1416 Samvat, or A.D. 1359. The date is wrong by nearly two centuries, as Jaya Chandra began to reign in A.D. 1175, and was killed in 1193. To his father Bijay Chand, or Vijaya Chandra Deva, we may assign with some certainty the temple of *Bijay-Mandar* and the great tank of *Bijay Tâl*; for not only do their names preserve the memory of Bijay Chand, but in their neighbourhood, on one of the pillars of the Lâl Darwâza Masjid, I discovered an inscription of this prince, dated in Samvat 1229, or A.D. 1172. The temple of *Atala Devi* may therefore be assigned to his son Jaya Chandra Deva in accordance with the tradition.

That the site of Jaunpur was occupied by the Hindus at a much earlier period, is also quite certain, as I discovered in the archway of the south gate of the Jâmi Masjid an inscription of the 8th or 9th century which gives the name of King Iswara Varmma, the conqueror of Chandra Sena of the Vindhya mountains. Perhaps this king may be identified with *I-sha-fu-mo*, King of Central India, who is mentioned by the Chinese as reigning in 731 A.D. A king of Jaunpur who made a campaign in the Vindhya mountains must have ruled over Benares also, and must, therefore, have belonged to the great dynasty of Varmma Princes, who ruled over Western Magadha, while the later Gupta princes held Eastern Magadha.

There is not at present a trace of any old Hindu temples standing, for the Muhammadans did their work of destruction with unusual completeness. It has been thought that the arcades may be parts of the old Hindu enclosures unaltered, but this does not appear to me to have been the case; for all the existing arcades of the three great masjids are

formed after the fashion of the Kutb Masjid arcades, with two low storeys of short pillars in the corners, and with tall pillars made by placing one Hindu shaft on the top of another shaft in the one-storeyed portions of the central aisles. Everywhere there are Hindu remains worked up in the walls of the masjids, but the more striking remains are the Hindu pillars in the fort and Lâl Darwâza Masjids, and in the tombs at Zafarâbâd. These will be noticed in their proper places when I come to describe the buildings of which they form a part. The few inscriptions that have been found will be given together, but the facts mentioned by them will be referred to in their proper places. It is remarkable that no inscriptions of the Sharqi kings themselves have been discovered. This is most probably due to the spiteful vengeance of Sikandar Lodi, who destroyed all the eastern or principal gates of the masjids, where the inscriptions are usually placed, and would have destroyed the masjids themselves but for the remonstrances of the Mullâhs.

The oldest building in Jaunpur is the masjid in the fort, which, for want of any other name, may be conveniently called the "*Fort Masjid*." It is a long narrow building of the early Bengâli type, that is, a simple arcade supported on carved Hindu pillars, with three low domes in the middle. It has no minars, their place being taken by two stone pillars placed at a short distance in front of the masjid. The building is 130 feet 4 inches long by 23 feet broad outside.¹ The interior is divided into three distinct portions, a centre room and two side rooms. The centre room is 37 feet 4 inches long by 15 feet broad. It is spanned by two arches of 15 feet, which sub-divide it into three compartments, covered by three domes. The side rooms are each 40 feet 6 inches in length by 15 feet in breadth. Each presents five openings in front, with a flat architrave supported on a double row of Hindu pillars, the outer row being square and the inner row round. Down the middle of each room there is a row of four round pillars, and against the back wall a row of square pilasters. The pillars have no bases, and are made up of all kinds of shafts pieced together, some square, some round, some octagonal.

A very good view of this mosque has been given by Kittoe,² who thinks that it may have been "built at the same time with the fort by the Emperor Firoz Shah." Only one

¹ See Plate XXXI for a plan of this masjid.

² Illustrations of Indian Architecture, Plate II.

of the stone columns is now standing in front of the masjid ; but the position of the second is marked by its broken plinth. The standing pillar is 29 feet high, including the plinth and pinnacle. The shaft is formed of two distinct pieces, the lower part being of reddish sandstone, and the upper part of yellowish sandstone, both from the Chunar quarries. The pillar is square below, with a side of 1 foot 8 inches, octagonal in the middle of the shaft, and round in the upper part ; the whole surmounted by a capital and pinnacle, like the *amalaka* fruit and *Kalasa* of a Hindu temple. On the octagonal portion there is a long inscription engraved in Tughra characters, which are difficult to read. I made a copy of it for Mr. Blochmann, whose account of it I now extract from the Proceedings of the Asiatic Society.¹

" The inscription consists of six lines, of which the second is almost entirely illegible. The historical portions however are clear.

" The inscription commemorates the erection of a mosque in 778, or 1377 A.D., by Ibrâhîm Nâib Bârbak, whom Zîâ-uddin Baranî states to have been Firuz Shah's brother.

" In the name of God, the merciful, the clement. Surely, he will build the mosques of God who believes in God and the last day [Qoran]. And the Prophet (blessings upon him) says, ' He who builds a mosque for God, will receive from God every gift. [In the reign of] the king of the kings of the world, the just and great ruler, the lord of the necks of nations, the master of the kings of Arabia and Persia, who professes the exalted creed and seizes the firm handle, who watches over God's faith, protects God's lands, and defends God's servants, who gives the faithful peace and security, the heir of the kingdom of Solomon,.....Abul Muzaffar Firuz Shah, the king—may God perpetuate his kingdom and his rule ! and in the time of the Malik of the Maliks of the East and of China, the king of kings, the helper of the warring monotheistst, he excellent Imâm, the hope of the age, the general of the present time,.....the great Ulugh Ibrâhîm Nâib Bârbak, the king,—may God continue to him his high position ! (this building) received the distinction of being erected, and this Prince, whose walk of life is good and whose faith is pure, exerted himself to the utmost to finish this religious edifice. In the exalted month of Zil Qâdah and in the year 778 of the Flight of the Prophet, upon whom rest God's blessings [April, 1376].

" Shamîsî Afîs has a long chapter on Ibrâhîm Naib Bârbak, in which he says that he was so attached to his brother Firuz Shah and the latter to him, that both slept in the same room, waited for each other when commencing to chew betel, and that he died before Firuz Shah."

In Khair-uddin's History of Jaunpur² translated by Pogson, page 41, the date of this inscription is assigned to the year

¹ Journal Asiatic Society, Bengal, 1875, Proceedings p. 14.
² The history of Jaunpur translated by Pogson, p. 41.

A. H. 798, the author having read tisāin = 90, instead of Sabāin = 70.

The Atāla Masjid was also the work of Ibrāhim Shah during the early part of his reign. It was built on the site of the Hindu temple of *Atāla Devi*, which is said to have been the work of Jaya Chandra Deva, the last of the Rathor Princes of Kanauj. The circumstances attending the destruction of the temple are so vividly related by the Muhammadan historian, that they are best given in his own words. The bigoted intolerance of Muhammadanism has never been better illustrated than by the triumphant tone in which the writer describes the most outrageous acts of tyranny and oppression which these *Sharki* kings exercised on their Hindu subjects:—

“When Firoz Shah destroyed the temple of *Kardr Bir* and laid the foundation of the fort, he went one day to the top of a hillock, and saw the *Dewal Atāla* afar off. Actuated by a zeal for the faith, he ordered it to be pulled down immediately; thousands of people were employed with pickaxes in effecting its destruction. The Hindus of the neighbouring country, who had expected such a day, assembled from all parts and directions, violently attacked the workmen, and pelted the Emperor with stones. His attendants, who were few in number, rushed on the mob numerous as ants and locusts, and many of them tasted the draught of martyrdom.

“Until the news reached Zafarābād and the powerful armies could make ready for war, the Hindus were victorious, and the road of flight did not remain to favour the escape of Musalmans. But when the brave faithful arrived, an order for slaughter was issued. In the twinkling of an eye, thousands of infidels became the food of the dog of death. The river Gūmti was red with their blood. But, according to the expression of some poet, ‘When the little ants are unanimous they devour the skin of the ferocious lion.’ Notwithstanding the slaughter, these seditious people did not in the least refrain from rebellion. They collected crowd by crowd, and troop by troop, from the villages, country, and provinces, and salamander-like crept into the fiery sphere of the swords.

“The Emperor wishing to conciliate the hearts of the people of this district, and anxious to render Jaunpur populous, did not think it expedient to continue to struggle with and oppose the mob. He therefore invited the Hindu chiefs to come to him, soothed and comforted them, and after much conciliation, the preliminaries of peace were established. It was agreed that the Emperor should not destroy the ancient temples, and that the Hindus should not build any new ones; that whatever might be broken of the *Dewal Atāla*, should remain so; that the Emperor’s workmen should not injure its stones and that the Hindus should neither repair it, worship there, nor sound the *nākus* (or “shell”). With a view of quieting the tumult of the time, the Emperor ratified these articles, gave the treaty to the

Hindus, and went himself to Delhi. After several years had elapsed, the Musalmans assembled in a great multitude from the neighbouring districts and country ; the strength of the Hindus had therefore diminished, and their zeal had abated. During the period of the Government of Sultân Ibrâhim, the Hindus were prohibited openly worshipping idols, sounding *nakus*, and leaving their houses in the rainy season for the purpose of burning their dead on the banks of the river near the city. He also levied a tax on them, and at length, in the year of the Hijri 806 (or A.D. 1403-04), ordered them to leave Jaunpur, and to take up their residence in its vicinity. Their houses were given to the professors of the faith, and the Hindus, being without friend or assistant, were obliged to abandon their homes and to reside in the circumjacent villages.

"The Sultân then gave an order for the destruction of the *Dewal Atala*, the Dewal of Bijay Mandal (which was near a reservoir), and the Dewal of Chachakpur, which was on the bank of the river at Mukat Ghât. He also commanded that mosques should be built on their foundations.¹

"Of all the mosques remaining at Jaunpur, the Atâla Masjid is the most ornate and the most beautiful."² Such is Fergusson's judgment, in which I most heartily agree. The general design of the masjid is similar to that of the great mosques at Delhi and Ajmer ; but its style of ornamentation belongs to the later period of the Alai-Darwâza at Delhi. In plan it is a quadrangle, surrounded by cloisters of two storeys on three sides, with the masjid itself on the west side. The whole block of building is 252 feet long from north to south by 248 feet broad outside, the court-yard inside being 176 feet by 160 feet.³ The grand feature of the masjid is the highly decorated propylon, or great central arch, with a smaller propylon on each side of it. When I visited Jaunpur in the end of 1865, the upper part of the great propylon had fallen down ; but at the time of my last visit I found that this had been completely restored at the cost of Mûnshi Haider Husen, who had been spending Rs. 100 a month upon the work for some years. The new work is a strict repetition of the older portion, as may be seen by a comparison of the two accompanying sketches made from photographs which were taken before and after the restoration. The propylon, as it now stands, is $74\frac{3}{4}$ feet high, with a base of $54\frac{1}{2}$ feet, and a top breadth of 45 feet, showing a slope in the walls of 6 inches in 9 feet, or 1 foot in 18.

The masjid proper is divided into five compartments ; the central room covered by a dôme 30 feet in diameter, one long

¹ History of Jaunpur, pp. 44, 45, 46.

² History of Indian Architecture, p. 524.

³ See Plate XXXII for the plan of the Atâla Masjid.

room of a single storey 62 feet by 32 feet on each side, and two low rooms in each corner. These corner rooms are cut off from the rest of the building; and as they are furnished with a private entrance from the outside, I have no doubt that they were intended for the accommodation of the ladies of the royal family.

The arrangement of the central room is very peculiar, as it is oblong in shape, although covered by a hemispherical dome. The room is 35 feet 1 inch in length by 29 feet 11 inches in breadth. I was puzzled at first by this difference in the measurements, and thought that I had made some mistake in my notes. But on returning to the masjid, I discovered that the difference was rectified by projecting huge corbels from the four side piers and four corners, so as to make the space to be covered by the dome an exact square. Whether this was the result of accident or design, I could not determine. It is not impossible that the difference may have been caused by the retention of some portion of the foundations of the old temple. The dome was considerably lower than the top of the propylon, but it could be seen indistinctly from the front, through the trellises of the small windows which decorated the screen wall under the great arch. These trellises have been omitted in the restorations; but as they would add greatly to the ornate appearance of the propylon, I wish that they could be restored also.

In the cloisters behind each smaller propylon, there is a hexagonal opening covered by a dome. Here also I found the same curious departure from the true hexagonal figure, as the space to be covered by the dome is 22 feet in the direction from north to south, but only 19½ feet in the other two directions. This difference was corrected by the use of large projecting brackets from the north and south pillars, which reduced the space to be domed to the shape of a regular hexagon of six equal sides.

In the middle of each of the other four sides of the quadrangle, there is a gateway, with an octagonal room in the cloisters in front of the northern and southern gates. Opposite each of these gates the cloisters have only one storey, in which the pillars are formed by two Hindu shafts placed one above the other to gain the necessary height. Outside the back walls of the cloisters there is a row of rooms facing outwards, with a verandah beyond supported on coupled square pillars. These rooms were let out to shopkeepers, and their rent formed one of the surest sources of income for the Mullahs.

attached to the mosque. In the double-storeyed portion of the cloisters, the aisles are extended outwards over the shops and their verandahs, thus forming five lines of open aisles, supported on pillars. In the lower storey all the pillars are square, but in the upper storey the four central rows of shafts are round, the two outer lines alone being square.

The gateways were similar in design to the central part of the masjid, each presenting a lofty propylon outside with a dome completely hidden behind it. All the domes were panelled on the outside by perpendicular ribs which gave a rich play of light and shade to the hemispherical masses. These ribs have unfortunately been omitted in the restorations.

In the account of the building of this masjid which I have previously quoted, it is stated that, in the year A.H. 806, all the Hindus were turned out of Jaunpur, and their houses given to Muhammadans. Ibrâhim Shah then destroyed the three temples of Atala Devi, Bijay Mandar, and Châchakpur, and ordered mosques to be erected on their foundations. From this account we learn that the building of the Atâla Masjid must have been begun about A.H. 806, or A.D. 1403-04. This date is confirmed by some short inscriptions on the pillars which were evidently recorded by the masons who were employed on the building. One of these is simply "Samvat 1464."¹ A second is longer, and is engraved in three lines on the right jamb of the northern gate outside:—

Samvat 1464 Samapt.
Sutradhâra Padumavi.
Saï Sutradhâra sutâ.

Taking *Samapt* for *Samâpt*, "finished," we learn that the building of the Atâla Masjid was "completed in the Samvat year 1464, or A.D. 1407, by the mason Padumavi, son of the mason Saï." A third record in two lines, on one of the square pillars in the lower storey, is equally explicit:—

Samvat 1464.
Buniâdi pari.

"In Samvat 1464 this building was finished." *Buniâdi pari* is a common expression used at the present day. These simple

¹ See Plate XXXVII. It occurs on a pillar of the south side, exterior row. The Samvat year 1464 began on the 10th March 144 A.D. and ended on the 27th of February 1407. The Hijra year 806 began on the 21st July 1403 A.D. and ended on the 9th July 1404.

masons' records not only fix the completion of the masjid in the Samvat year 1464, or A.D. 1407, but they establish the fact that the architect was a Hindu named *Padumavi*. This alone is sufficient to account for the mixture of the Muhammadan arch and Hindu architrave which Fergusson has so strikingly pointed out in all these Jaunpur buildings:—

“Instead of being fused together, as they afterwards became, the arcuate style of the Moslems stands here, though, in *juxta-position*, in such marked contrast to the trabeate style of the Hindus that some authors have been led to suppose that the pillared parts belonged to ancient Jaina or Buddhist monuments, which had been appropriated by the Muhammadans and converted to their purposes. The truth of the matter appears to be that the greater part of the Muhammadans in the province at the time the mosques were built were Hindus converted to that religion, and who still clung to their native forms when these did not clash with their new faith; and *the masons were almost certainly those whose traditions and whose taste inclined them much more to the old trabeate forms* than to the newly-introduced arched style.”¹

In this extract the true cause of the mixture of style has been most acutely divined by Fergusson, and we may now say with absolute certainty that the masons who built the Atâla Masjid were Hindus. It seems probable, however, that the great abundance of Hindu pillars and architraves obtained from the overthrown temples may have been a very powerful motive for their use in the construction of the mosque. The shafts were ready with their capitals and their beams, and could be set up at once without much trouble, whereas the adoption of arches and vaults would have necessitated the cutting of thousands of voussoirs, which would have delayed the work very much.

This “curious admixture of Hindu and Muhammadan sculpture and style” did not escape the notice of Kittoe, but his notice is confined to this one remark.

I agree with Fergusson in discarding all idea that the cloisters of these mosques are the remains of Buddhist or Jaina monasteries, which have been simply appropriated by the Muhammadans and converted to their purposes. But I think that the pillars themselves scarcely bear out his opinion that—

“nine-tenths at least of the pillars in these mosques were made at the time they were required for the places they now occupy.”²

¹ History of Indian Architecture, p. 521.

² History of Indian Architecture, p. 521, Note 1.

I made a very careful examination of the pillars of 'the Jaunpur Masjids, and I found that a *very great number* of the square pillars had been cut down by the Muhammadans from round pillars, as shown by the traces of flowers and mouldings which still remain upon them. Where square pillars with indented angles were utilised, their ornamented faces still remain intact. I found also numerous beams with flowered, and diapered, and other, ornaments built into the walls. Other pillars betray their Hindu origin by the presence of socket holes for iron cramps. During the repairs and restoration of the great propylon, numerous Hindu figures were found. Amongst them there is a standing four-armed female statue, 2 feet $10\frac{1}{2}$ inches in height, draped from the navel downwards; also a door-jamb with three seated female figures holding *trisuls*, or tridents, and therefore presumably *joginis*, or female demons, connected with the worship of Siva.

The next mosques in point of age are those which were built by order of Ibrâhim Shah on the sites of temples of Bijay Chand and Jay Chand. According to Khair-ud-din, the mosque of *Khâlis-mukhlis* was erected on the former site.¹ Malik Khâlis and Malik Mukhlis are said to have been the chief nobles of Sultân Ibrâhim, by whom they were appointed to the Government of Jaunpur, and ordered to destroy the temple for the purpose of erecting "an exalted mosque on the spot for the devotion" of the pious Sayid Usmân of Shirâz. Mukhlis Khan was the brother of Ibrâhim, and commanded the army sent to reduce Etâwa in A.H. 830.² As the mosque was built during his governorship of Jaunpur, it is most probable that its date is somewhat earlier, or about A.H. 820, A.D. 1417. Very little of this mosque now remains in its original condition, except the great propylon, which is 67 feet 10 inches broad at base, with a broken arch of 25 feet span. The lower part up to a height of 30 feet is built of stone, above which all is made of large bricks. Behind the propylon there is a square enclosure, 65 feet 8 inches in depth, covered with a flat roof supported on ten rows of Hindu pillars, said to be 114 in number. The whole seems to be a re-arrangement of modern times, so as to make a compact building out of the remaining ruins of the ancient masjid. Khair-ud-din describes how the *bricks* of the western wall had separated, and the wall itself had become ruinous at the back. The wall itself is 5 feet thick.

¹ History of Jaunpur, p. 54.

² Briggs' Ferishta, I, 520.

The mosque at Châchakpur is more commonly known as the *Zanziri Masjid*, on account of the "chain-like" appearance of its ornamentation.¹ Nothing now remains except the great propylon, of which a very good sketch has been published by Kittoe.² The masjid was built by order of Ibrahir Shah on the site of a famous Hindu temple of Jay Chand close to the *Mukat-ghât*, on the Gûmti river. This was the great bathing-ghat, where the bathers received absolution (S. *Mukta* = "release") from their sins. Here the land is so fertile from the rich deposits left by the overflows of the Gûmti river, that it is known by the name of *Son-bârîsh*, or the "Shower of Gold." The mosque was much smaller than any of the others, but the front of the propylon yields to none of them in richness and beauty of ornamentation. The base of the propylon was 35 feet 7 inches in breadth, with an arch of 23 feet 9 inches span. The style of decoration is similar to that of the Atâla Masjid. According to Khair-ud-din, the eastern gate and the side walls of the mosque were destroyed by Sikandar Lodi, and other parts were afterwards thrown down by the inundations of the Gûmti river. Many of the stones are said to have been used in building the great bridge during the reign of Akbar; and since then its ruins have been a common and convenient quarry for every one who wanted building stones:—

"To put this mosque in its former condition," says Khair-ud-din, "would require a great sum of money, although even that would not be considered much in the sight of a lord with a heart like a river, and full of bounty as the clouds!"³

The *Jâmi Masjid*, or, to give its full title, the *Masjid Jâmi-ush-shark*, is the largest mosque at Jaunpur. According to Khair-ud-din, its erection was ordered for the convenience of Hazrat Khwâja Isa, a holy saint, who used to suffer much during his walk to the Khâlispur Masjid every Friday. The foundation was laid in A.H. 842, or A.D. 1438, "but it was not raised above the level of the ground in 844, when the king died."⁴ It is said that the date of the completion of the mosque was found in the words "*Masjid Jâmi-ush-shark*," which were engraved on the front of the eastern gate. This would fix the date in A.H. 852, during the reign of Mahmud Shah Sharki. But Khair-ud-din says that the work was at a

¹ See Plate XXXI for plans of the Khâlis Mukhlis and Zanziri Masjids.

² Illustrations of Indian Architecture, Plate 12.

³ History of Jaunpur, p. 56.

⁴ History of Jaunpur, p. 50.